RH PETERSON CO.

realfyre
PREMIUM GAS LOGS

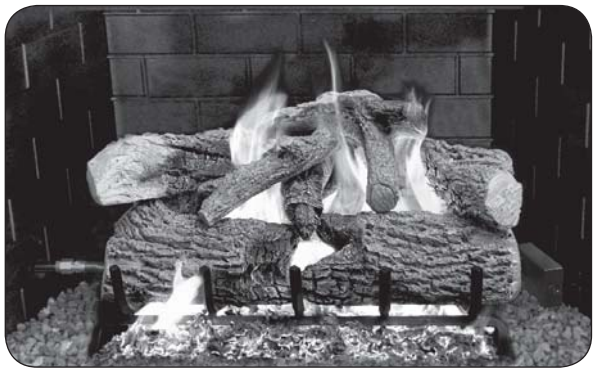
INSTALLATION & OWNER'S MANUAL

Burner Systems:

G52- ** -(P)A
G52- ** -17(P)
G52- ** -2V(P)A

**** Sizes:**
(18/20, 24/30)

Regulated burner system for use with propane or natural gas



DESIGN CERTIFIED
to
Vented Decorative Appliance
ANSI Z21.60-2012
CSA 2.26-2012

FOR INSTALLATION IN SOLID-FUEL BURNING FIREPLACES*

G52 VENTED BURNER SYSTEMS

WARNING

If the information in this manual is not followed exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

WHAT TO DO IF YOU SMELL GAS:

- **Open a window.**
- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in the building.**
- **Immediately call the gas supplier from a neighbor's phone. Follow gas supplier's instructions.**
- **If you cannot reach the gas supplier, call the fire department.**

Installation and service must be performed by a qualified professional installer, service agency, or the gas supplier.

This appliance is only for use with the type of gas indicated on the rating plate.

IMPORTANT: READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION OF THE UNIT.

The Real-Fyre burner system is to be installed only in a solid-fuel burning fireplace with a working flue and constructed of noncombustible material. The installation, including provisions for combustion and ventilation air must conform with the *National Fuel Gas Code, ANSI Z223.1/NFPA 54,* or the *CSA B149.1, Natural Gas and Propane Installation Code*, and applicable local building codes.

A damper clamp is included to maintain the minimum permanent vent opening and to prevent full closure of the damper blade. **The chimney damper MUST be fully opened when burning the unit. The unit is designed to burn with yellow flames; thus adequate ventilation is absolutely necessary.**

To comply with certification, listings, and building code acceptances, and for safe operation and proper performance of this burner system, use ONLY Peterson parts and accessories. Use of other controls, parts, and accessories that are not designed for use with Real-Fyre burner systems is prohibited and will void all warranties, certifications, listings, and building code approvals, and may cause property damage, personal injury, or loss of life.

***Note:** Solid-fuels shall not be burned in a fireplace where a decorative appliance is installed.

NATIONAL FIREPLACE INSTITUTE NFI CERTIFIED www.nficertified.org

We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

INSTALLER:
Leave this manual with the appliance.
CONSUMER:
Retain this manual for future reference.

PFS® C US

13-085

RH PETERSON CO.

realfyre
PREMIUM GAS LOGS

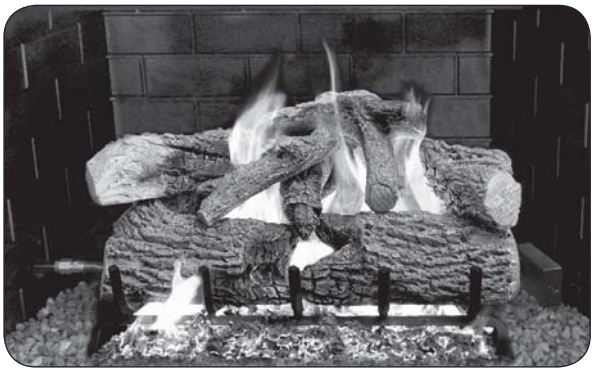
INSTALLATION ET MODE D'EMPLOI

Systèmes De Brûleur:

G52- ** -(P)A
G52- ** -17(P)
G52- ** -2V(P)A

**** Tailles:**
(18/20, 24/30)

Système de brûleur réglementé l'usage du propane ou du gaz naturel



CONCEPTION CERTIFIÉE
à
Vented Decorative Appliance
ANSI Z21.60-2012
CSA 2.26-2012

POUR L'INSTALLATION DANS LE COMBUSTIBLE SOLIDE DE BRÛLANT FIREPLACES*

G52 VENTED BURNER SYSTEMS

AVERTISSEMENT

Si l'information en ce manuel n'est pas suivie exactement, une incendie ou une explosion peut résulter, entraînant des dégats matériels, des blessures, ou la perte de la vie.

Ne stockez pas ou n'employez pas l'essence ou d'autres vapeurs et liquides inflammables à proximité de ceci ou d'aucun autre appareil.

CE QUI À FAIRE SI VOUS SENTEZ LE GAZ:

- Ouvrez une fenêtre.
- N'essayez pas de n'allumer aucun appareil.
- Ne touchez aucun commutateur électrique; n'utilisez aucun téléphone dans le bâtiment.
- Appelez immédiatement le fournisseur de gaz du téléphone du voisin. Suivez les instructions du fournisseur de gaz.
- Si vous ne pouvez pas atteindre le fournisseur de gaz, appelez le département de feu.

L'installation et le service doivent être assurés par un installateur qualifié et professionnel, l'agence de service, ou le fournisseur de gaz.

Cet appareil sert seulement avec le type de gaz indiqué de la plaque de contrôle.

INSTALLATEUR :
Laissez ce manuel avec l'appareil.
CONSOMMATEUR:
Maintenez ce manuel pour la future référence.

PFS C US
13-085

NATIONAL FIREPLACE INSTITUTE NFI CERTIFIED www.nficertified.org
We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

IMPORTANT: LISEZ CES INSTRUCTIONS SOIGNEUSEMENT AVANT DE COMMENCER L'INSTALLATION DE L'UNITÉ.

Le Vrai-Fyre système de brûleur doit être installée seulement dans une cheminée brûlante de combustible solide avec une conduite de cheminée fonctionnante et être construit avec du matériel non-combustible. L'installation, y compris des dispositions pour l'air de combustion et de ventilation doit se conformer au code national de gaz de carburant, la norme ANSI Z223.1/ NFPA 54, ou le CSA B149.1, code d'installation de gaz naturel et de propane, et codes du bâtiment locaux applicables.

Une bride plus humide est incluse pour maintenir l'ouverture permanente minimum de passage et pour empêcher la pleine fermeture de la lame plus humide. **L'amortisseur de cheminée DOIT être entièrement ouvert en brûlant l'unité. L'unité est conçue pour brûler avec les flammes jaunes; ainsi à ventilation proportionnée est absolument nécessaire.**

Pour se conformer à la certification, les listes, et les acceptations de codes du bâtiment, et pour l'exploitation sûre et l'exécution appropriée de ce système de brûleur, utilisent SEULEMENT des pièces et des accessoires de Peterson. L'utilisation d'autres commandes, pièces, et accessoires qui ne sont pas conçus pour l'usage avec de Real-Fyre systèmes de brûleur est interdite et videra toutes les garanties, certifications, listes, et approbations de codes du bâtiment, et peut causer des dégats matériels, le dommage corporel, ou des pertes humaines.

***Note:** des Plein-carburants ne seront pas brûlés dans une cheminée où un appareil décoratif est installé.

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L'INFORMATION DE SÛRETÉ IMPORTANTE DE PRÉINSTALLATION ET DE CHEMINÉE

ATTENTION: L'installation et la réparation doivent être faites par un NFI certifié ou tout autre installateur professionnel qualifié.

Installateur: Lisez soigneusement ces instructions avant d'installer ce système de brûleur à gaz. Soyez sûr que vous comprenez tous les mesures de sécurité et avertissements contenus en ce manuel.

A. Il est recommandé que les adultes soient présents lorsque cet appareil à gaz est en marche. Il est recommandé que cette unité n'est pas en reste combustion sans surveillance ou en personne dort.

B. Cet appareil sert seulement avec le type de gaz indiqué de la plaque de contrôle. Cet appareil n'est pas CONVERTIBLE de CHAMP pour l'usage avec d'autres gaz.

VÉRIFIEZ LE TYPE de GAZ (normal ou propane) : La fourniture de gaz doit être identique qu'indiquée de votre plaque de contrôle de système de brûleur. Si la fourniture de gaz est différente, **N'INSTALLEZ PAS**. Contactez votre revendeur pour l'aide immédiate.

C. FAITES ATTENTION: Sinon installé, entretenu, et utilisé correctement par ces instructions, ce produit peut causer le dommage corporel, les dégats matériels, ou les pertes humaines sérieux.

D. AVERTISSEMENT: Avant l'installation dans une cheminée plein-carburant-brûlante, la conduite de cheminée, l'amortisseur, et le foyer de cheminée doivent ÊTRE COMPLÈTEMENT NETTOYÉS de la suie, de la créosote, des cendres, et de la peinture lâche, et doivent être inspectés par un décapant qualifié de cheminée. Quelques cheminées plus anciennes peuvent ont besoin de réparation avant d'installer cet appareil.

E. Gardez le domaine du clair réglé de notation de gaz et libérez des matériaux combustibles, l'essence, et d'autres vapeurs et liquides inflammables.

F. LA PRESSION DE GAZ INSUFFISANTE GARDERA LE PILOTE DU FONCTIONNEMENT CORRECTEMENT (SI ÉQUIPÉ). N'EMPLOYEZ PAS SI LA PRESSION DE GAZ EST INFÉRIEURE À LA CONDITION MINIMUM.

G. L'admission minimum gaz-fournissent la pression aux fins de l'ajustement d'entrée est 5" ; colonne d'eau (w.c.) sur le gaz naturel et le 11" ; w.c. sur le gaz de propane. La pression de gaz insuffisante affectera l'opération appropriée du pilote (si équipé). N'installez pas cet appareil à gaz si la pression minimum n'est pas disponible. L'admission maximum gaz-fournissent la pression est 10.5" ; w.c. sur le gaz naturel et le 13" ; w.c. sur le gaz de propane. La source de propane doit être réglée. **(Ne pas connecter cet appareil directement à un réservoir de gaz propane non -. Cela peut provoquer une explosion) Ne pas brancher cet appareil à une bouteille de gaz propane portable.**

H. Le système sifflant de gaz doit être classé pour fournir la pression d'admission minimum au débit maximum (BTU/hr). La perte de pression anormale se produira si la pipe est trop petite, ou la course est trop longue. La pipe de fourniture de gaz doit être $^1/_2$" ; diamètre intérieur minimum. Si la ligne de gaz est plus longue que 20' ; une ligne de plus grand diamètre peut être nécessaire. Reportez-vous aux directives NFPA 54 pour plus de détails.

I. Les estimations d'entrée montrées en Btu par heure sont pour des altitudes jusqu'à 2.000 pi. Pour des altitudes au-dessus de 2.000 pi, référez-vous au code national de gaz de carburant ou entrez en contact avec le fabricant avant d'installer ce produit.

J. Cet appareil à gaz et son clapet à gaz principal doivent être disconnected du gaz-fournissent le système sifflant pendant tout vérificateur de pression de ce système aux pressions d'essai au-dessus de 1/2 psig.

K. Cet appareil à gaz doit être isolé dans gaz-fournissent le système sifflant en fermant le robinet d'isolement d'équipement relié au gaz-fournissent la ligne pendant tout vérificateur de pression du gaz-fournissent le système sifflant aux pressions d'essai égales à ou moins d'à 1/2 psig.

L. N'employez pas cet appareil si n'importe quelle partie a été sous-marine. Appelez immédiatement un technicien qualifié de service pour inspecter l'appareil et pour remplacer n'importe quelle partie du système de contrôle et de n'importe quelle commande de gaz qui a été sous-marine.

M. Una pantalla de la chimenea debe ser en el lugar cuando el sistema está quemando. Las provisiones para el aire de combustión adecuado deben ser mantenidas. A menos que otras provisiones para el aire de combustión se proporcionen, la pantalla tendrá una abertura para la introducción de aire de combustión. El aire de combustión es adecuado cuando todas las llamas se encrespan en la chimenea y lejos de la pantalla. **Cuando se utiliza un recinto de cristal de la chimenea (puerta), deje las puertas completamente abiertas cuando el sistema es en funcionamiento.**

N. Pour installer l'appareil à gaz dans votre foyer, la cheminée doit répondre aux exigences minimales de taille (voir tableau minimum cheminée dimension en section CARACTÉRISTIQUES TECHNIQUES).

O. Cet appareil peut être installé dans un marché des accessoires, maison (mobile) de manière permanente située et manufacturée, où non interdit par des codes locaux. L'installation des appareils a conçu pour la maison manufacturée (États-Unis seulement) ou installation de caravane résidentielle doit se conformer au CAN/CSA standard Z240 MH, logement mobile, au Canada, ou à la construction et au standard de sécurité à la maison manufacturés, intitulent 24 CFR, la partie 3280, aux Etats-Unis, ou quand une telle norme ne s'applique pas, à ANSI/NCSBCS A225.1/NFPA 501A, installations à la maison manufacturées standard.

IMPORTANT PRE-INSTALLATION AND FIREPLACE SAFETY INFORMATION

CAUTION: Installation and repair must be done by an NFI Certified or other qualified professional installer.

Installer: Carefully read these instructions before installing this gas burner system. Be sure you understand all safety precautions and warnings contained in this manual.

A. It is recommended that adults be present when this gas appliance is operating. It is recommended that this unit is not left burning when unattended or while anyone is sleeping.

B. This appliance is only for use with the type of gas indicated on the rating plate. This appliance is **NOT FIELD CONVERTIBLE** for use with other gasses.

CHECK GAS TYPE (natural or L.P.): The gas supply must be the same as stated on your burner system rating plate. If gas supply is different, **DO NOT INSTALL**. Contact your dealer for immediate assistance.

C. BE CAREFUL: If not installed, serviced, and used correctly per these instructions, this product can cause serious personal injury, property damage, or loss of life.

D. WARNING: Before installing in a solid-fuel-burning fireplace, **the chimney flue, damper, and firebox must be thoroughly CLEANED** of soot, creosote, ashes, and loose paint, and must be inspected by a qualified chimney cleaner. Some older fireplaces may need repair prior to installing this appliance.

E. Keep the area of the gas burner system clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

F. INSUFFICIENT GAS PRESSURE WILL KEEP THE PILOT (IF EQUIPPED) FROM OPERATING PROPERLY. DO NOT USE IF GAS PRESSURE IS LOWER THAN THE MINIMUM REQUIREMENT.

G. The *minimum* inlet gas-supply pressure for purposes of input adjustment is **5"** water column (w.c.) on **natural gas** and **11"** w.c. on **L.P. gas**. Insufficient gas pressure will affect proper operation of the pilot (if equipped). Do not install this gas appliance if minimum pressure is not available. The *maximum* inlet gas-supply pressure is **10.5"** w.c. on natural gas and **13"** w.c. on L.P. gas. The L.P. source must be regulated. **(Do not connect this appliance directly to an unregulated L.P. gas tank - this can cause an explosion.) Do not connect this appliance to a portable L.P. gas cylinder.**

H. The gas piping system must be sized to provide minimum inlet pressure at the maximum flow rate (BTU/hr). Undue pressure loss will occur if the pipe is too small, or the run is too long. Gas supply pipe must be $^1/_2$" minimum interior diameter. If the gas line is longer than 20', a larger diameter line may be necessary. Refer to the NFPA 54 guidelines for further details.

I. Input ratings shown in BTU per hour are for elevations up to 2,000 ft. For elevations above 2,000 ft., refer to the National Fuel Gas Code or contact manufacturer before installing this product.

J. This gas appliance and its main gas valve must be disconnected from the gas-supply piping system during any pressure testing of that system at test pressures in excess of $^1/_2$ psig.

K. This gas appliance must be isolated from the gas-supply piping system by closing the equipment shutoff valve connected to the gas-supply line during any pressure testing of the gas-supply piping system at test pressures equal to or less than $^1/_2$ psig.

L. Do not use this appliance if any part has been underwater. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control that has been underwater.

M. A fireplace screen must be in place when the system is burning. Provisions for adequate combustion air must be maintained. Unless other provisions for combustion air are provided, the screen shall have an opening(s) for introduction of combustion air. Combustion air is adequate when all flames curl into the fireplace and away from the screen. **When a glass fireplace enclosure (door) is used, leave the doors fully open when the system is in operation.**

N. To install the gas appliance in your fireplace, the fireplace MUST meet the minimum size requirements (see minimum fireplace dimension table in SPECIFICATIONS section).

O. This appliance may be installed in an aftermarket, permanently located, manufactured (mobile) home, where not prohibited by local codes. Installation of appliances designed for manufactured home (U.S. only) or mobile home installation must conform with the Standard *CAN/CSA Z240 MH*, *Mobile Housing*, in Canada, or with the *Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280,* in the United States, or when such a standard is not applicable, *ANSI/ NCSBCS A225.1/NFPA 501A, Manufactured Home Installations Standard.*

NOTES PAGE

Please use this page to record any information that you may want to have at hand.

SPECIFICATIONS AND DIMENSIONS

Real-Fyre gas burner systems must be installed only in a wood burning fireplace with the minimum firebox dimensions and venting requirements met (see table on this page). This appliance is designed to burn with yellow flames; adequate ventilation is absolutely necessary.

Burner Model	Minimum Fireplace Size				BTU Rating			
	Width		Depth	Height	Low Setting		High Setting	
	Front	Rear			Nat. Gas	L.P. Gas	Nat. Gas	L.P. Gas
G52-18/20	24"	20"	15"	15"	20k	18k	46k	36k
G52-24/30 (24" log set)	32"	25"	15"	15"	23k	21k	55k	46k
G52-24/30 (30" log set)	36"	30"	15"	15"	23k	21k	55k	46k

Table 1 - Minimum Fireplace Dimensions and BTU ratings

Note: Rear width is at corresponding depth.

Minimum permanent free opening area of chimney damper for venting (sq. in.)		
	For factory-built fireplaces	
Chimney height	**18/20"**	**24/30"**
15'	21	24
20'	18	20
30'	14	16
	For masonry-built fireplaces	
15'	30	35
20'	27	32
30'	25	29

Table 2 - Minimum Chimney Damper Venting Requirements

Note: The minimum chimney height from hearth to top of chimney is 15'.

17 SERIES WIRING DIAGRAM

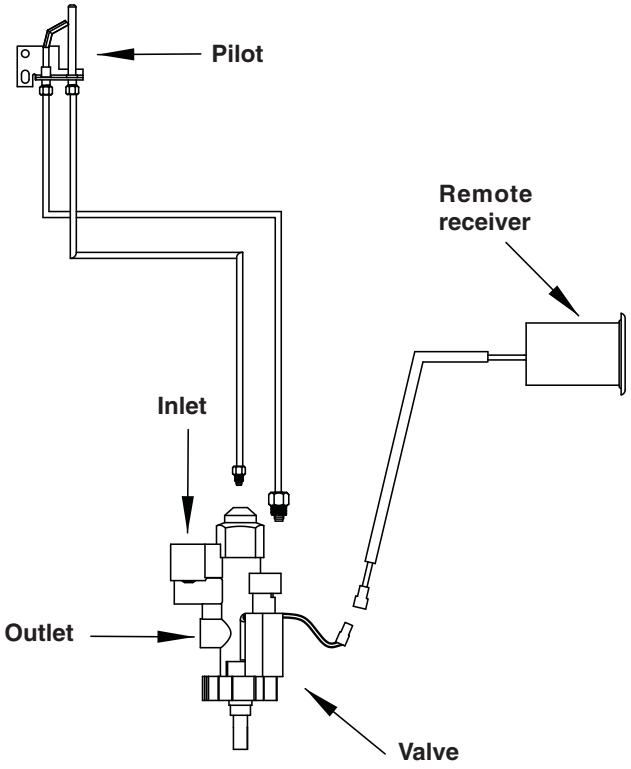


Fig. 8-1

2VA SERIES WIRING DIAGRAM

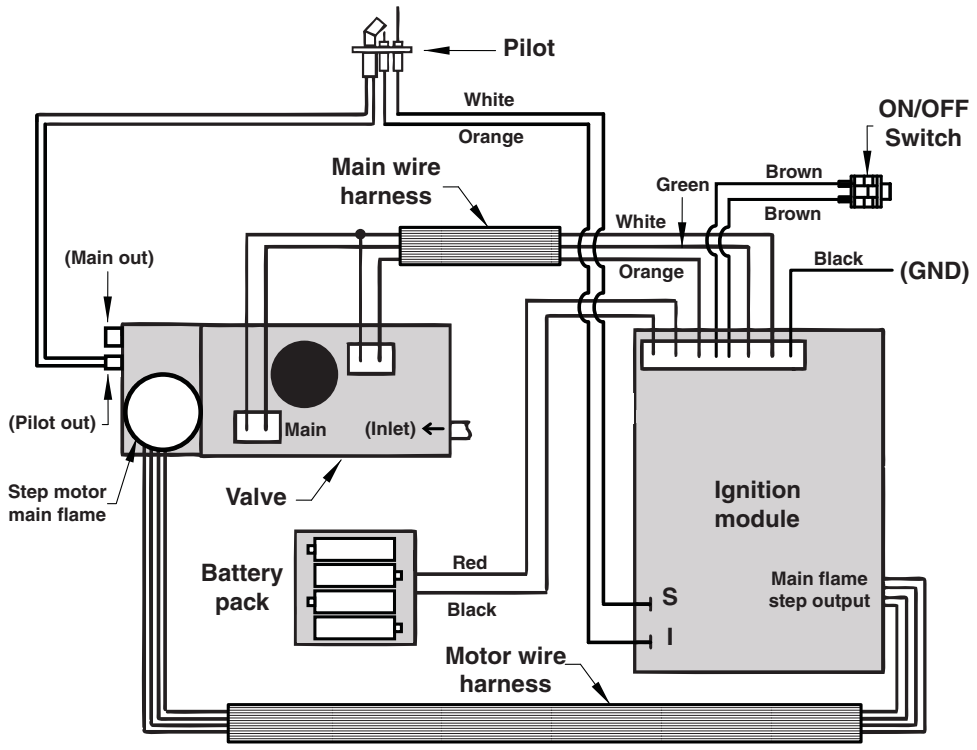


Fig. 8-2

DAMPER CLAMP INSTRUCTIONS

The damper clamp with hex bolt (Fig. 9-1) is provided as a means to prevent full closure of the damper blade. The clamp is easily attached to most damper blades with pliers or a wrench, and must be permanently installed. The clamp is designed to prevent accidental closure of the damper when installed as illustrated (Fig. 9-2). Should the clamp not fit, or fail to provide the permanent vent opening listed in Table 2, have a permanent stop installed, remove the damper blade, or have the damper cut to provide the minimum permanent opening required.

Note: These are minimum damper opening specifications.

The damper must be completely opened when operating this gas appliance to achieve the best ventilation possible.

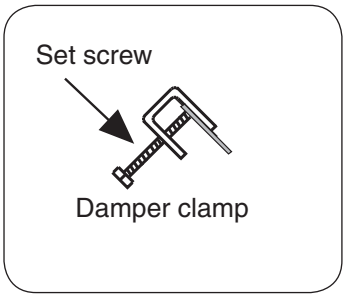


Fig. 9-1 Damper clamp detail

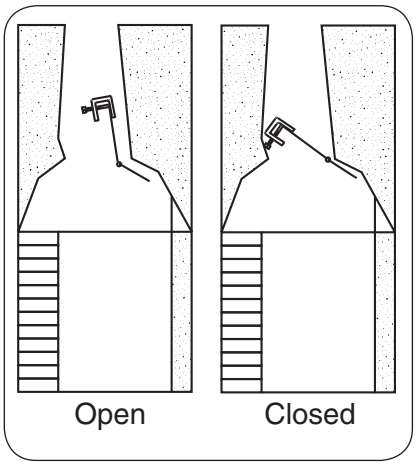
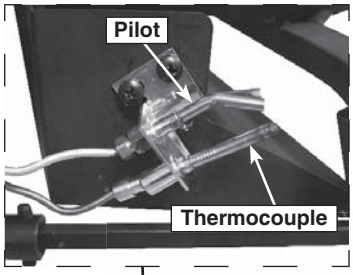
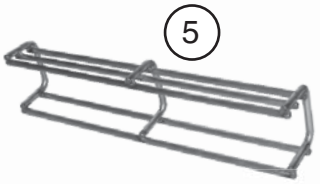
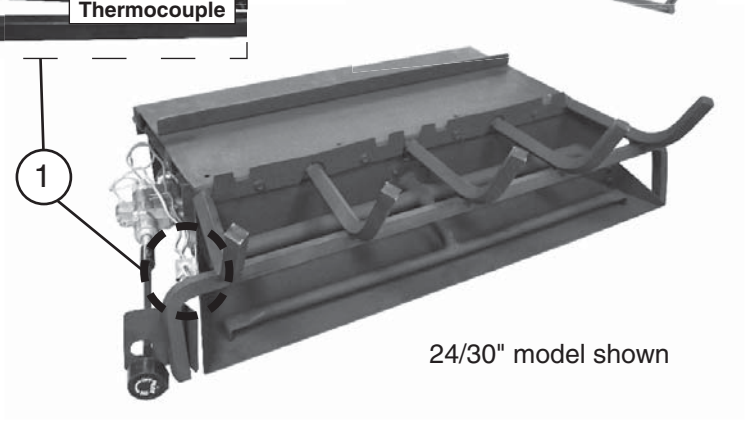


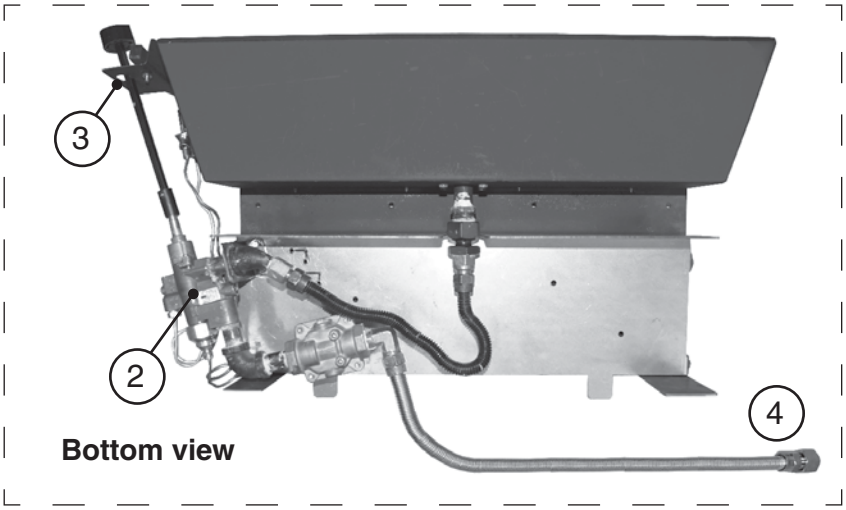
Fig. 9-2 Damper open / closed

BURNER PARTS LIST - MANUAL SERIES







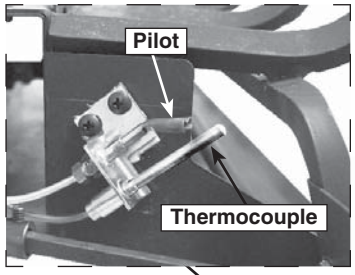


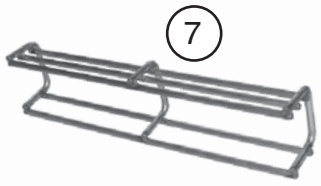
Note: Photos not to scale

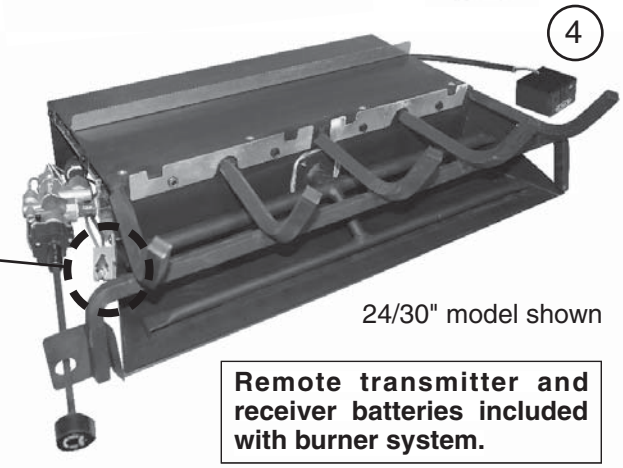
Replacement parts can be ordered from your local Real-Fyre dealer.

Item	Description	18/20" model Part No.	Qty.	24/30" model Part No.	Qty.
1. or	Pilot assembly (natural) Pilot assembly (propane)	PAC-1NAT PAC-1LP	1 1	PAC-1NAT PAC-1LP	1 1
2.	Control valve (natural or propane models)	SV-19	1	SV-19	1
3.	Valve extension kit (includes extension rod, knob, bracket & nut)	EH-12	1	EH-12	1
4.	Flex connector (w/ adapter), 1/2" O.D. x 24"	3035	1	3035	1
5.	Radiant booster grid	SC-10	1	SC-15	1
6.	Glowing embers	EM-21	2	EM-21	2
7.	Bryte coals	EM-11	1	EM-11	1
8. or	Sand granules (natural gas) Vermiculite granules (propane gas)	CS-10 LF-15	1 1	CS-10 LF-15	1 1
9.	Lava granules	LF-4	2	LF-4	2
10.	Damper clamp	DC-1	1	DC-1	1

BURNER PARTS LIST - 17 SERIES

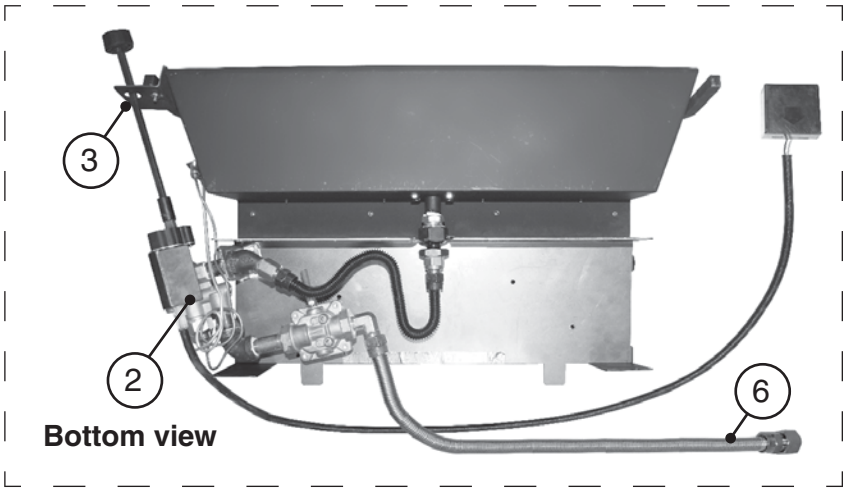






24/30" model shown

Remote transmitter and receiver batteries included with burner system.



Bottom view

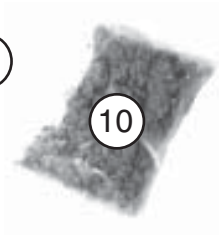
Note: Photos not to scale

Replacement parts can be ordered from your local Real-Fyre dealer.

Item	Description	18/20" model Part No.	Qty.	24/30" model Part No.	Qty.
1. or	Pilot assembly (natural) Pilot assembly (propane)	PAC-1NAT PAC-1LP	1 1	PAC-1NAT PAC-1LP	1 1
2.	Control valve (natural or propane models)	SV-37	1	SV-37	1
3.	Valve extension kit (includes extension rod, knob, bracket & nut)	EH-12	1	EH-12	1
4.	Remote kit (includes receiver, transmitter, batteries, plastic cover)	VR-1A	1	VR-1A	1
5.	Remote transmitter (only)	AT-V1-1	1	AT-V1-1	1
6.	Flex connector (w/ adapter), 1/2" O.D. x 24"	3035	1	3035	1
7.	Radiant booster grid	SC-10	1	SC-15	1
8.	Glowing embers	EM-21	2	EM-21	2
9.	Bryte coals	EM-11	1	EM-11	1
10. or	Sand granules (natural gas) Vermiculite granules (propane gas)	CS-10 LF-15	1 1	CS-10 LF-15	1 1
11.	Lava granules	LF-4	2	LF-4	2
12.	Damper clamp	DC-1	1	DC-1	1

BURNER PARTS LIST - 2VA SERIES

9



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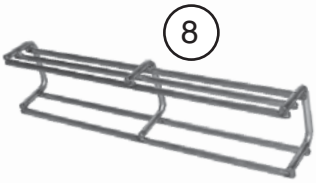

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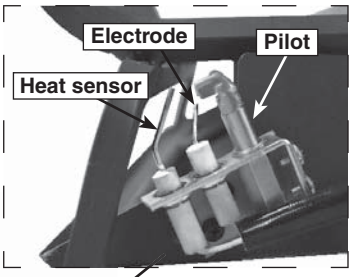

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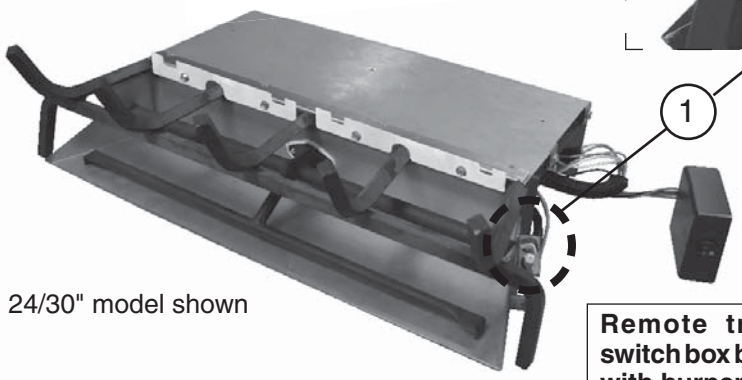


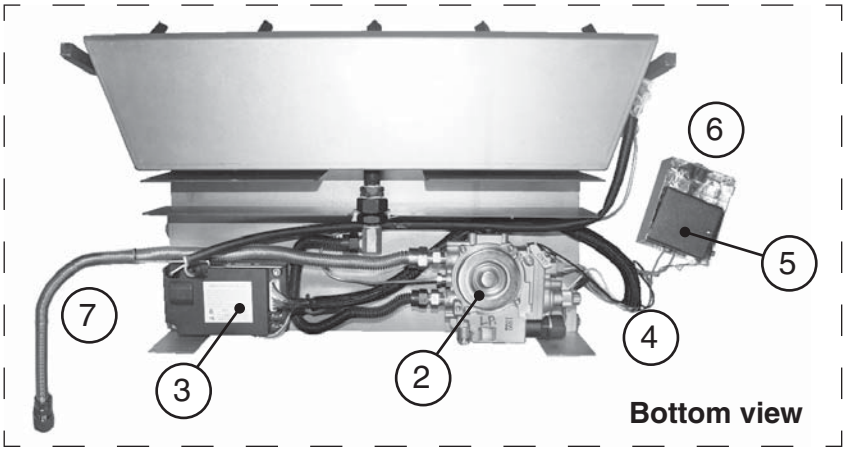
1

24/30" model shown

13

Remote transmitter and switch box batteries included with burner system.

14



Bottom view

Note: Photos not to scale

Replacement parts can be ordered from your local Real-Fyre dealer.

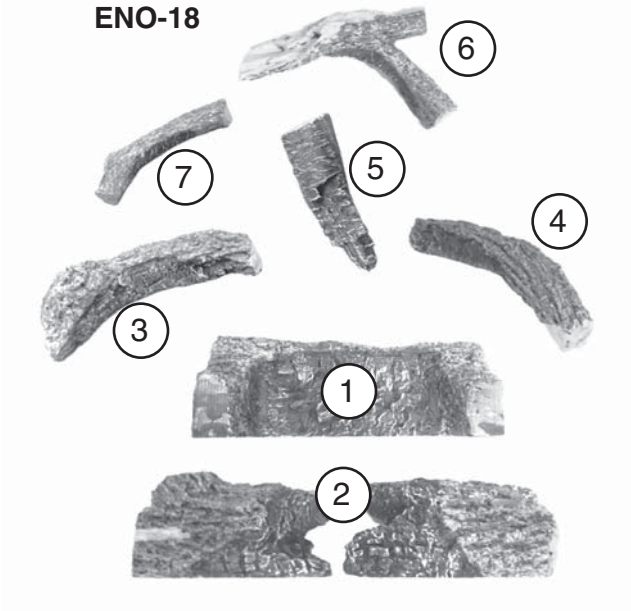
Item	Description	18/20" model Part No.	18/20" model Qty.	24/30" model Part No.	24/30" model Qty.
1. or	Pilot assembly (natural) Pilot assembly (propane)	PAC-9 PAC-9P	1 1	PAC-9 PAC-9P	1 1
2. or	Control valve (natural) Control valve (propane)	SV-47 SV-47P	1 1	SV-47 SV-47P	1 1
3.	Control module / remote receiver	IMP-4	1	IMP-4	1
4.	Main & motor harness assembly	WH-02	1	WH-02	1
5.	Battery box	BAT-02	1	BAT-02	1
6.	Switch box assembly (includes battery box, switch, heat shield)	SBA-02	1	SBA-02	1
7.	Flex connector (w/ adapter), 1/2" O.D. x 24"	3035	1	3035	1
8.	Radiant booster grid	SC-10	1	SC-15	1
9.	Remote transmitter (only)	AT-2VA-1	1	AT-2VA-1	1
10.	Glowing embers	EM-21	2	EM-21	2
11.	Bryte coals	EM-11	1	EM-11	1
12. or	Sand granules (natural gas) Vermiculite granules (propane gas)	CS-10 LF-15	1 1	CS-10 LF-15	1 1
13.	Lava granules	LF-4	2	LF-4	2
14.	Damper clamp	DC-1	1	DC-1	1

LOGS PARTS LIST

ENO-18 Evergreen Oak Log Set			
Item	**Description**	**Part No.**	**Qty.**
1.	Rear log	ENOL-16BR	1
2.	Front log (left & right pieces)	ENOL-18BF	1
3.	Left middle log	ENOL-13TL	1
4.	Right middle log	ENOL-12T	1
5.	Center middle log	ENOL-8T	1
6.	Right top log	ENOL-13T	1
7.	Left top log	ENOL-7T	1

Note: The log set is packed separately.

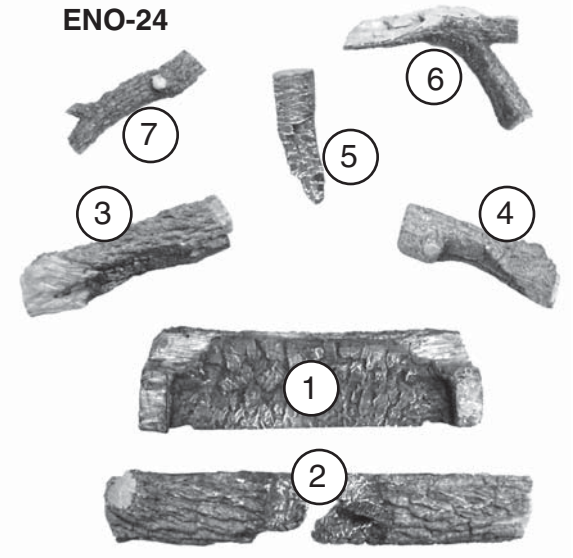
ENO-18



ENO-24 Evergreen Oak Log Set			
Item	**Description**	**Part No.**	**Qty.**
1.	Rear log	ENOL-21BR	1
2.	Front log (left & right pieces)	ENOL-24BF	1
3.	Left middle log	ENOL-15T	1
4.	Right middle log	ENOL-16T	1
5.	Center middle log	ENOL-8T	1
6.	Center top log	ENOL-13T	1
7.	Left top log	ENOL-9T	1

Note: The log set is packed separately.

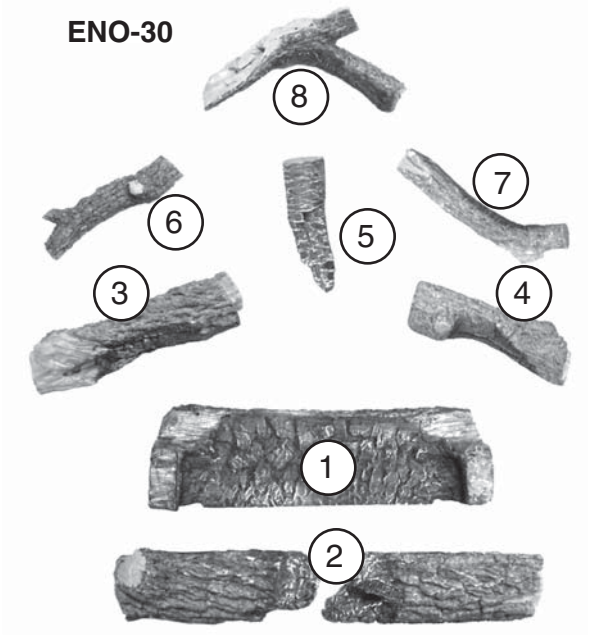
ENO-24



ENO-30 Evergreen Oak Log Set			
Item	**Description**	**Part No.**	**Qty.**
1.	Rear log	ENOL-23BR	1
2.	Front log (left & right pieces)	ENOL-30BF	1
3.	Left middle log	ENOL-15T	1
4.	Right middle log	ENOL-16T	1
5.	Center middle log	ENOL-8T	1
6.	Left top log	ENOL-9T	1
7.	Right top log	ENOL-10T	1
8.	Center top log	ENOL-13T	1

Note: The log set is packed separately.

ENO-30



INSTALLATION

The Real-Fyre burner system must be installed by a qualified professional service technician. Instructions must be followed carefully to ensure proper performance and full benefit from the burner system. **Check to be sure the burner system is designed and labeled for the type of gas (natural or propane gas) supplied to the fireplace. Fireplace floor must be level, clean, and smooth.**

WARNING: Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

REFER TO THE PARTS LIST WHEN FOLLOWING INSTALLATION INSTRUCTIONS.

24" burner shown here.

BURNER INSTALLATION

1. MAKE SURE THE FIREPLACE GAS SUPPLY IS TURNED OFF.
2. Locate the gas-supply stub inside the fireplace and remove the cap, if attached (reference Fig. 14-1).

CAUTION: When removing the cap, make sure the stub does not turn, loosening the connection inside the wall.

3. Place the burner system in the fireplace. Center the burner in the fireplace. (Reference Fig. 14-2 for orientation.)
4. **Be sure gas to the fireplace is off.** Remove the adapter that is loosely connected to the flex connector (coming off of the burner system). Attach the adapter to the gas-supply stub using a pipe compound resistant to all gasses. Tighten securely. Then attach the open end of the flex connector to the adapter. Tighten securely (see Fig. 14-1).
5. LEAK TEST: Turn on the fireplace gas supply, and test at all connections for leaks using the appropriate soapy water solution. If bubbles appear, a leak is present. Turn off the gas and tighten at all connections. Repeat until no leaks are present. If a leak persists, turn off the gas supply and contact the local gas company or dealer. NEVER USE A FLAME TO CHECK FOR LEAKS.
6. At this stage the burner system batteries are to be installed (if applicable). Reference the INSTALLING/REPLACING BATTERIES section for details.
7. **Remote receiver: place the plastic cover over the receiver, then place at the rear right corner of the fireplace.** Place as far from the burner system as possible. See Fig. 14-2 & Fig. 14-3.

   Switch box: Place on its side, at the rear right corner of the fireplace. It should rest with its bottom as near as possible and facing the fireplace wall. It must not be placed directly next to the burner pan area to avoid damage to the batteries. See Fig. 14-2 & Fig. 14-3.

Important: Ensure that the box wire remains away from the burner system and its flame during operation.

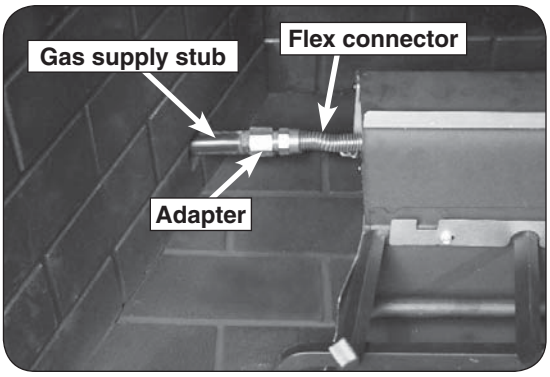


Fig. 14-1 Connect gas supply

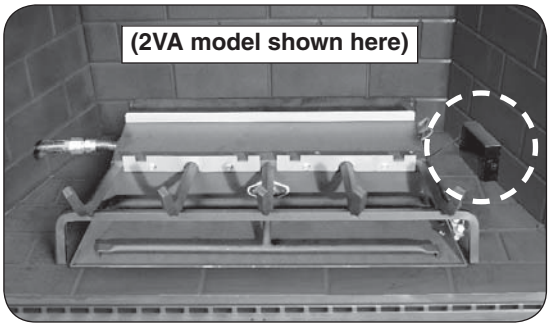


Fig. 14-2 Place switch box / receiver

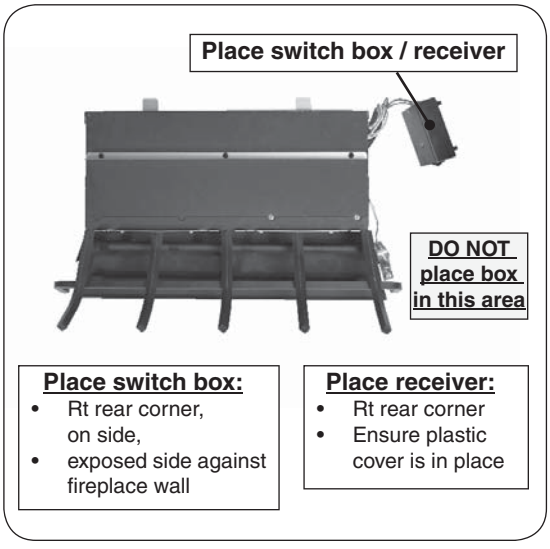

Place switch box / receiver
DO NOT place box in this area
Place switch box:
• Rt rear corner, on side,
• exposed side against fireplace wall
Place receiver:
• Rt rear corner
• Ensure plastic cover is in place

Fig. 14-3 Proper box/receiver placement

IMPORTANT

For all valves, the air **MUST** be purged from the gas line before the pilot will light and burn properly. The time needed to purge will depend on the length of the gas line to the unit and the amount of time since the unit or gas line was last used. It may take several minutes before all the air is purged and the pilot will light and burn properly. Reference the LIGHTING INSTRUCTIONS section in this manual.

LAVA GRANULES (DECORATIVE)

1. Spread the supplied lava granules on the floor of the fireplace, around the front and sides of the burner system (see Fig. 15-1). The lava granules may be placed around the switch box. Leave the front of the box clear for control access.

Note: DO NOT place any lava media on the burner system, or behind it.

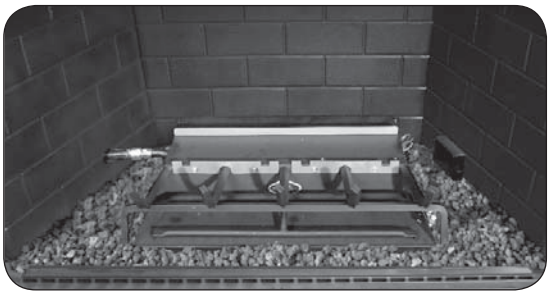


Fig. 15-1 Place lava media

SAND/VERMICULITE GRANULES PLACEMENT

The sand/vermiculite granules supplied with the unit are specially selected for use with either propane or natural gas. They maximize flame distribution and reduce carbon buildup.

CAUTION: Use only sand for natural gas burners and vermiculite for propane gas burners.

1. Fill the burner pan completely with the granules (see Fig. 15-2). **Avoid spilling the granules on the pilot assembly.**
2. Slope the granules at the same angle as the burner pan. This is important to ensure quiet lighting and even flame distribution.

Note: The granules should be approximately 1/2" below the fingers of the burner grate (see Fig. 15-3). DO NOT pour the granules to a level where they are touching the grate.

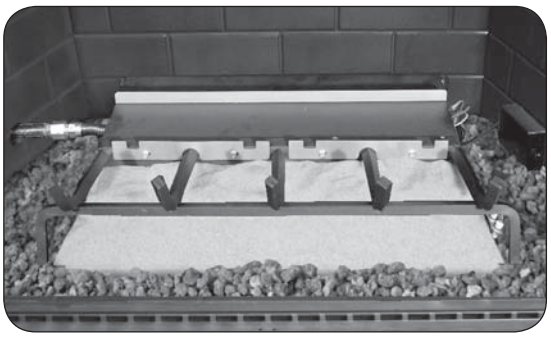


Fig. 15-2 Place sand/vermiculite granules

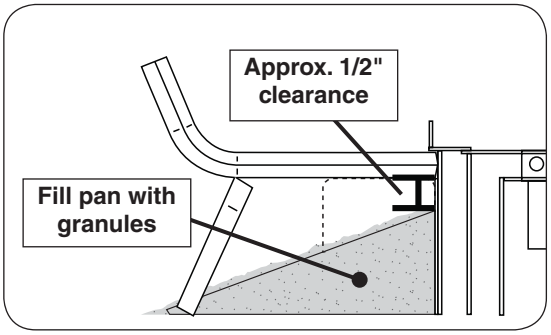


Fig. 15-3 Sand/vermiculite granules detail

INITIAL GLOWING EMBERS PLACEMENT

Important: The supplied embers are to be applied at several stages of installation. You may end up with some unused embers at the end of installation. If so, they may be used as instructed in the note found at the end of log set placement.

Sprinkle a portion of the glowing embers lightly and evenly over the entire surface of the sand/vermiculite granules as shown in Fig. 15-4. **Break up any clumps that may have developed during shipment.**

Note: Place the embers lightly over the areas in between the grate fingers.

Note: The remainder of the glowing embers will be placed as the logs are placed.

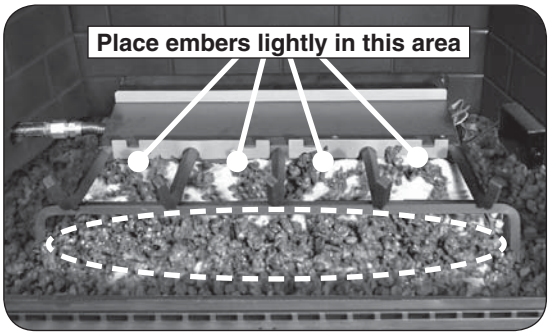
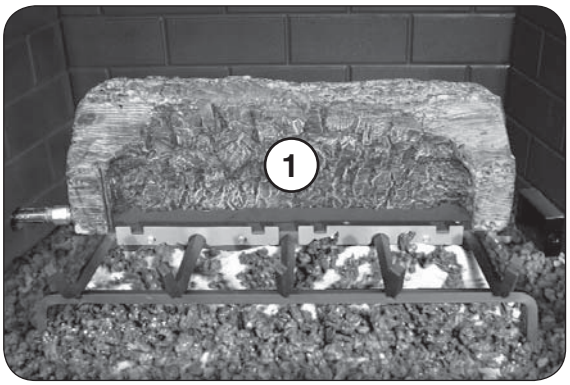


Fig. 15-4 Place initial glowing embers

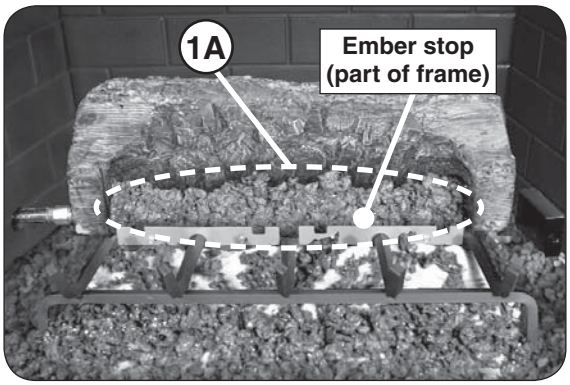
LOG SET (& ADDITONAL EMBERS) PLACEMENT

You must position and maintain the log layout as shown here to ensure optimal operation of the burner system. 24" log set shown below for generic placement steps. Final steps are separated by log set size.

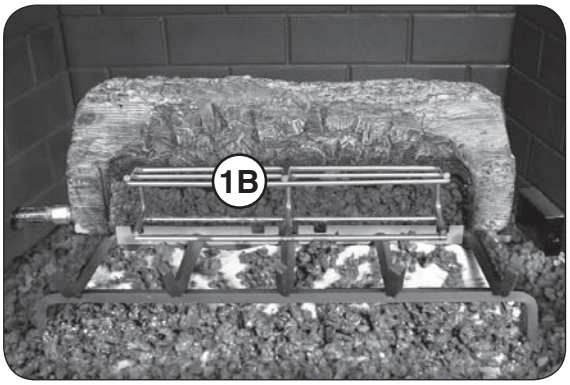
CAUTION: BURN HAZARD! Logs will remain hot for some time after use. If you need to reposition any log to maintain the proper layout, use heat-resistant gloves or allow logs adequate time to cool before handling.



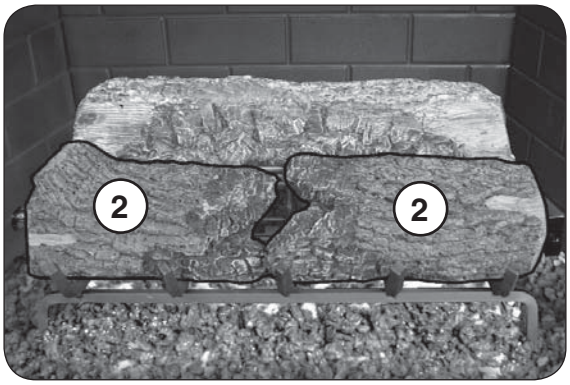
Place the rear log (log #1) as shown. The log should be slid back on the burner until it hits the backstop.



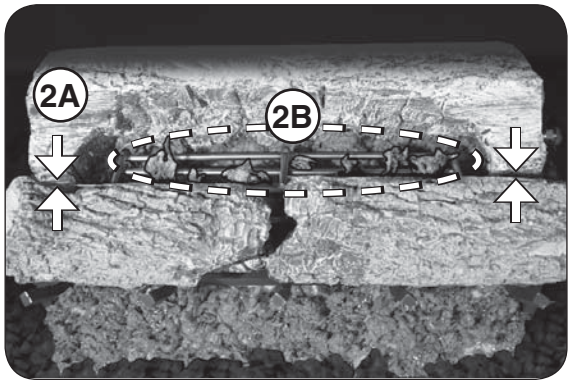
Place a level amount of embers in the area in front of the rear log as shown. The ember stop serves to confine the embers in place. (Save some embers for later use.)



Place the radiant booster grid as shown. The grid should be slid back on the burner up against the rear log. The ember stop has notches to properly align the grid in place.



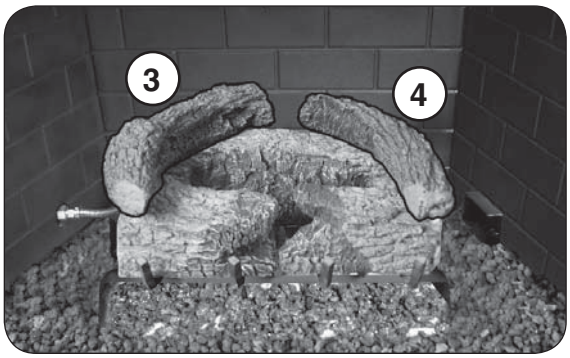
Place the left and right front log pieces (log #2) as shown. The two logs should be touching and centered on the burner.



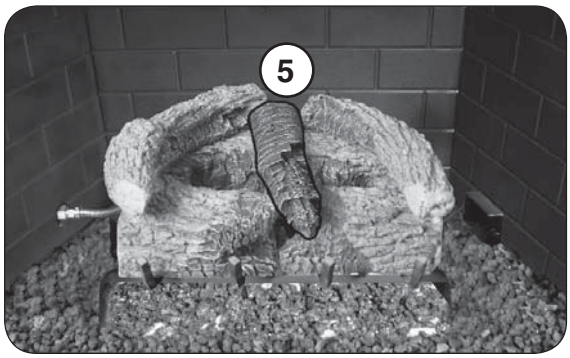
Gently compress the rear and front logs to create a tight fit around the grid. The rear and front logs will almost touch. Then place a few more embers across the grid as shown.

18" Log Sets Only

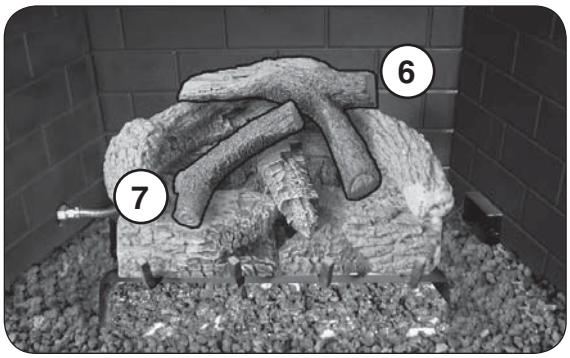
For 18" log sets, follow the steps below to complete placement. For 24" or 30" log sets, proceed to the following pages.



Place the left and right middle logs (logs #3 & #4) as shown.



Place the center middle log (log #5) as shown.



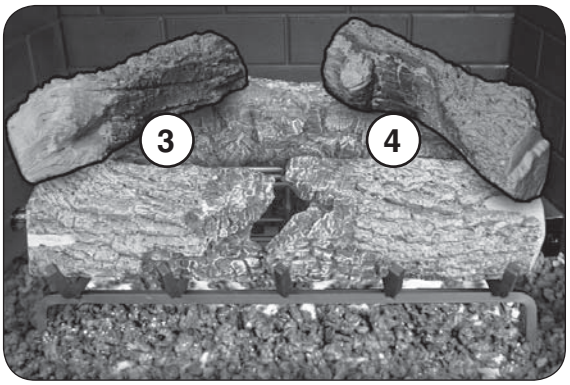
Place the left and right top logs (logs #6 & #7) as shown.

Separate the bryte coals into small pieces and evenly place them over the glowing embers in the area shown.

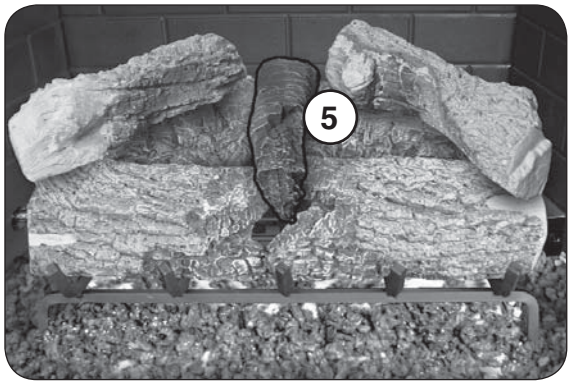
Note: The conditions/environment of each setup will slightly vary. After installation of your unit is complete, follow the LIGHTING INSTRUCTIONS section to light the burner, and allow it to burn for 20 minutes. At that point, if adjustment is desired, shut the unit down and add additional glowing embers between the front logs and on the radiant grid booster. The existing embers may also be gently adjusted with a long screwdriver. Light the burner, observe, and repeat this process until the desired flame pattern is achieved.

24" Log Sets Only

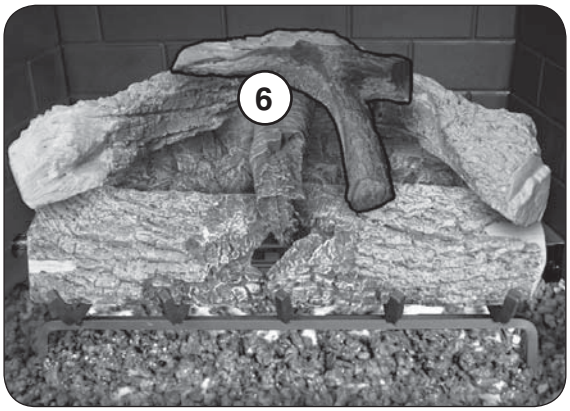
For 24" log sets, follow the steps below to complete placement. For 18" log sets, go back to the previous page. For 30" log sets, proceed to the following page.



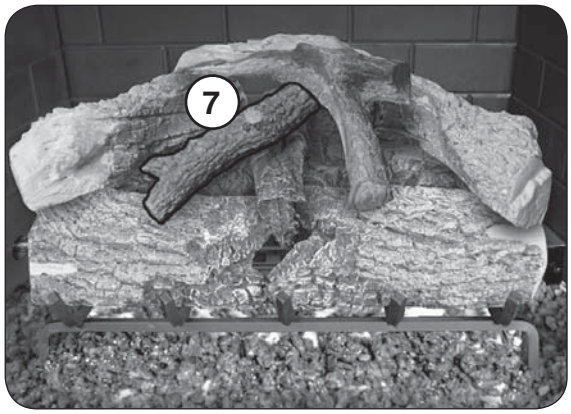
Place the left and right middle logs (logs #3 & #4) as shown.



Place the center middle log (log #5) as shown.



Place the center top log (log #6) as shown.



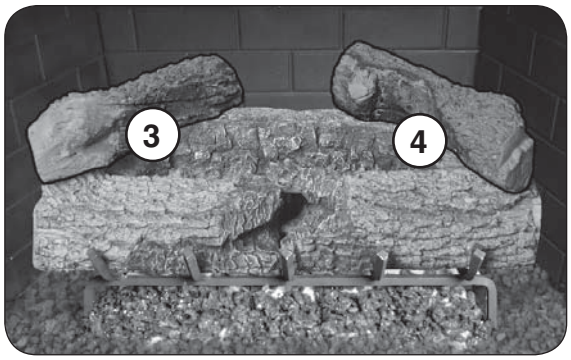
Place the left top log (log #7) as shown.

Separate the bryte coals into small pieces and evenly place them over the glowing embers in the area shown.

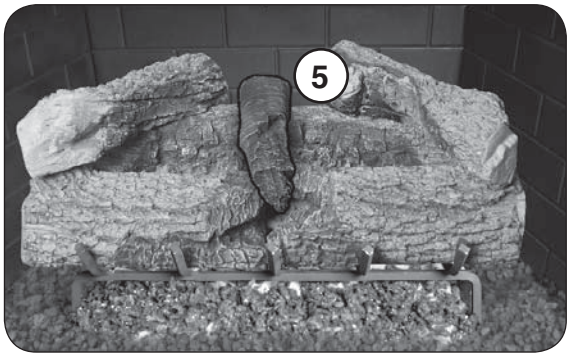
Note: The conditions/environment of each setup will slightly vary. After installation of your unit is complete, follow the LIGHTING INSTRUCTIONS section to light the burner, and allow it to burn for 20 minutes. At that point, if adjustment is desired, shut the unit down and add additional glowing embers between the front logs and on the radiant grid booster. The existing embers may also be gently adjusted with a long screwdriver. Light the burner, observe, and repeat this process until the desired flame pattern is achieved.

30" Log Sets Only

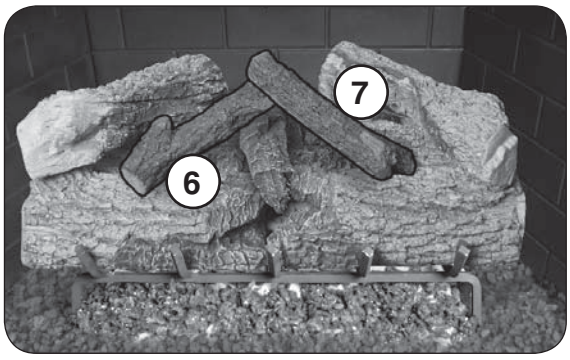
For 30" log sets, follow the steps below to complete placement. For 18" or 24" log sets, go back to the previous pages.



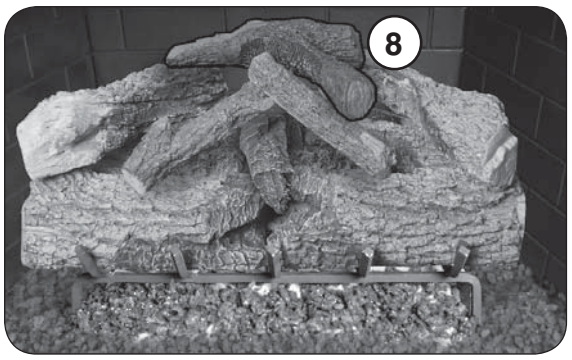
Place the left and right middle logs (logs #3 & #4) as shown.



Place the center middle log (log #5) as shown.



Place the left and right top logs (logs #6 & #7) as shown.



Place the center top log (log #8) shown.

Separate the bryte coals into small pieces and evenly place them over the glowing embers in the area shown.

Note: The conditions/environment of each setup will slightly vary. After installation of your unit is complete, follow the LIGHTING INSTRUCTIONS section to light the burner, and allow it to burn for 20 minutes. At that point, if adjustment is desired, shut the unit down and add additional glowing embers between the front logs and on the radiant grid booster. The existing embers may also be gently adjusted with a long screwdriver. Light the burner, observe, and repeat this process until the desired flame pattern is achieved.

INSTALLING/REPLACING BATTERIES (IF APPLICABLE)

CAUTION: Ensure the unit is connected to the gas line and has been tested for leaks before you insert batteries.

CAUTION: Turn off the remote and/or burner and allow the unit to completely cool prior to any battery replacements.

REMOTE TRANSMITTER BATTERY

The remote transmitter requires one "12V" battery to operate (included). Locate the transmitter, remove the lid (found on rear), and properly insert the new battery as marked. Re-secure the lid. See Fig. 20-1.

Fig. 20-1 Transmitter battery

REMOTE RECEIVER / SWITCH BOX BATTERIES

Remote receiver

The remote receiver requires 4 AA batteries to operate (included). Locate the remote receiver and turn it over. Slide open the lid, and properly insert the new batteries as marked. See Fig. 20-2.

Replace the lid, then re-position the remote receiver in the fireplace. (Ensure the plastic cover is properly in place over the receiver.)

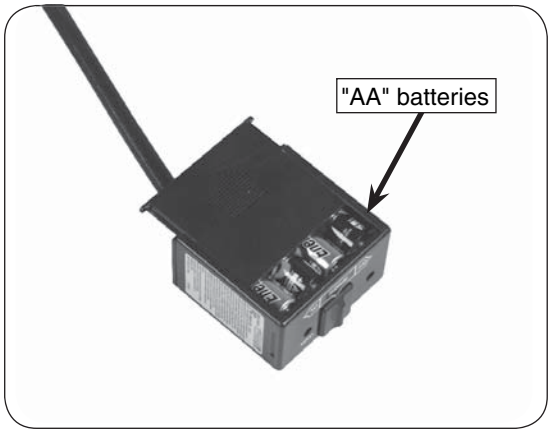


Fig. 20-2 Remote receiver batteries

Switch Box

The burner system requires 4 AA batteries to operate (included). Locate the switch box and turn it over. Detach the battery box from the velcro. Use a small Phillips screwdriver to remove the screw found on the bottom of the battery box, then remove the battery lid. Properly insert the new batteries as marked. See Fig. 20-3.

Replace the battery lid using the screw, replace the battery box onto the velcro, and re-position the switch box in the fireplace.

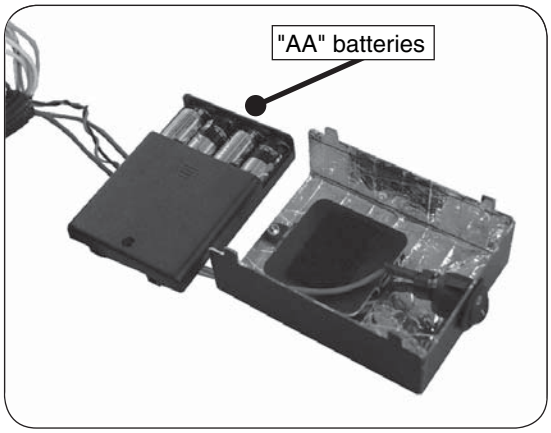


Fig. 20-3 Switch box batteries

Important: Low/dead batteries will affect burner system operation. Replace batteries any time the burner will not turn on.

LIGHTING INSTRUCTIONS - MANUAL SERIES

FOR YOUR SAFETY READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

A. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified professional service technician. Excessive force or attempted repair may result in fire or explosion.

B. BEFORE OPERATING, smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

- Do not light any appliance.
- Do not touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions. If you cannot reach your gas supplier, call the fire department.

C. The burner system has a pilot that can be lit by hand using a match or long-necked lighter. When lighting the pilot, follow these instructions exactly.

D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water. Attempted operation may result in fire or explosion resulting in property damage, personal injury or loss of life.

LIGHTING THE PILOT

1. Locate the valve on the side of the unit. Push in the gas control knob slightly and turn clockwise to **OFF** (Fig. 21-1).

Note: The control knob cannot be turned from **PILOT** to **OFF** unless the knob is pushed in slightly. Do not force.

Allow five (5) minutes for any gas in the unit to dissipate. IF YOU SMELL GAS, SEE STEP B ABOVE. If you don't smell gas, go on to step 2.

2. Turn the control knob counterclockwise to **PILOT** (Fig. 21-1). Push the control knob **firmly and fully** in and hold. Hold a long fireplace match or lighter near the thermocouple to light the pilot. Continue to hold the control knob in for approximately 60 seconds after the pilot is lit, then release the knob. The pilot will remain lit.

WARNING: If the pilot fails to light repeat steps 1 and 2.

If the pilot fails to light after several tries, turn the control knob to **OFF** and contact a qualified professional service technician.

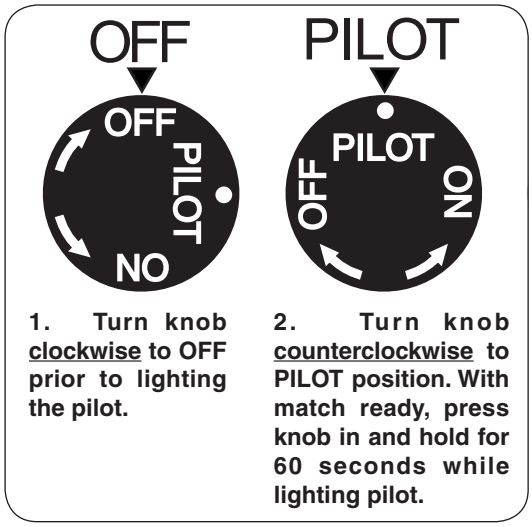

OFF
OFF
PILOT
NO
PILOT
PILOT
OFF
ON
1. Turn knob clockwise to OFF prior to lighting the pilot.
2. Turn knob counterclockwise to PILOT position. With match ready, press knob in and hold for 60 seconds while lighting pilot.

Fig. 21-1 Control knob detail (OFF, PILOT)

INSTRUCTIONS D'ALLUMAGE - SÉRIE MANUEL

POUR VOTRE SÉCURITÉ LISEZ AVANT D'ALLUMER

AVERTISSEMENT: Si vous ne suivez pas ces instructions à la lettre, un incendie ou une explosion entraînant des dommages matériels, des blessures ou des pertes de vie.

A. N'utilisez que votre main pour enfoncer ou tourner le bouton de contrôle du gaz. Ne jamais utiliser d'outils. Si le bouton ne sera pas enfoncer ou à tourner à la main, n'essayez pas de le réparer. Appelez un technicien de service qualifié. Une force excessive ou une tentative de réparation pourrait provoquer un incendie ou une explosion.

B. **AVANT DE FAIRE FONCTIONNER,** sentez autour de l'appareil pour le gaz. Assurez-vous de sentir près du plancher, car certains gaz sont plus lourds que l'air et se déposent sur le sol.

QUE FAIRE SI UNE ODEUR DE GAZ

- Ne pas allumer l'appareil.
- Ne touchez à aucun interrupteur électrique; n'utilisez aucun téléphone dans votre bâtiment.
- Appelez immédiatement votre fournisseur de gaz à partir du téléphone d'un voisin. Suivez les instructions du fournisseur de gaz. Si vous ne pouvez joindre votre fournisseur de gaz, appeler les pompiers.

C. Le système de brûleur a un pilote qui peut être allumée à la main à l'aide d'une allumette ou long cou léger. Pour allumer la veilleuse, suivez ces instructions à la lettre.

D. Ne pas utiliser cet appareil si une partie quelconque a été submergée. Appelez immédiatement un technicien de service qualifié pour inspecter l'appareil et pour remplacer toute pièce du système de contrôle et toute commande de gaz qui a été sous l'eau. Tentative d'opération peut entraîner un incendie ou une explosion entraînant des dommages matériels, des blessures ou des pertes de vie.

ALLUMAGE DU PILOTE

1. Localiser la vanne sur le côté de l'appareil. Appuyer sur le bouton légèrement de contrôle du gaz et tourner dans le sens horaire à **OFF** (Fig. 22-1).

Note: Le bouton de commande ne peut être activée à partir **PILOTE** sur **OFF** si le bouton est enfoncé légèrement. Ne pas forcer.

Attendez cinq (5) minutes pour n'importe quel gaz dans l'unité de se dissiper. S'IL YA UNE ODEUR DE GAZ, voir l'étape B CI-DESSUS. Si vous ne sentez pas de gaz, passez à l'étape 2.

2. TTournez le bouton de réglage dans le sens antihoraire pour **PILOTE** (Fig. 22-1). Appuyez sur le bouton de commande **fermement et pleinement** enfoncée. Tenir un long match de cheminée ou un briquet à proximité du thermocouple pour allumer la veilleuse. Continuez à tenir le bouton de commande pendant environ 60 secondes après que le pilote est allumé, puis relâchez le bouton. Le pilote reste allumé.

AVERTISSEMENT: Si le pilote ne s'allume pas, répétez les étapes 1 et 2.

Si la télécommande ne fonctionne pas, et des batteries avec un niveau de puissance adéquate sont installés, reportez-vous à la synchronisation des section REMOTE.

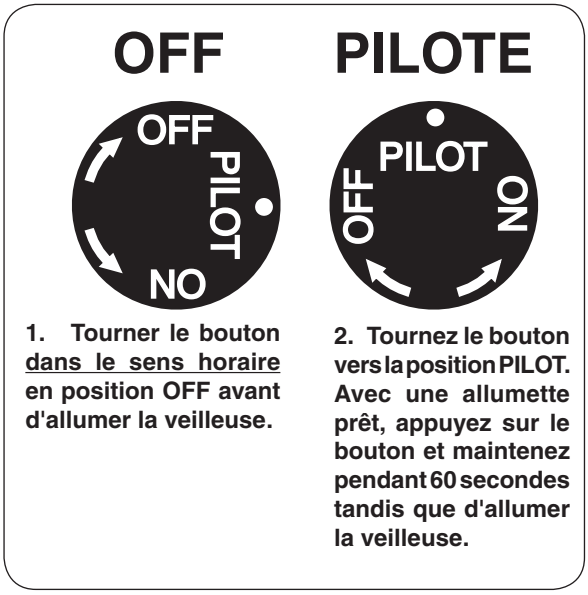

OFF
PILOTE
OFF
PILOT
NO
PILOT
OFF
ON
1. Tourner le bouton dans le sens horaire en position OFF avant d'allumer la veilleuse.
2. Tournez le bouton vers la position PILOT. Avec une allumette prêt, appuyez sur le bouton et maintenez pendant 60 secondes tandis que d'allumer la veilleuse.

Fig. 22-1 Détail bouton de commande (OFF, PILOTE)

LIGHTING THE BURNER

1. Ensure the pilot is burning. Turn the gas control knob counterclockwise to **ON** (Fig. 23-1) to ignite the burner. The valve will open and the burner will light.

Note: The ignition sequence will take approximately 5 seconds.

WARNING: If the burner fails to light within 5 seconds, turn the control knob clockwise to PILOT. Allow five (5) minutes for any gas in the unit to dissipate, then repeat step 2 above. IF YOU SMELL GAS, SEE STEP B AT BEGINNING OF LIGHTING INSTRUCTIONS.

If the burner fails to light after several tries, push in the control knob slightly and turn clockwise to OFF, and contact a qualified professional service technician.

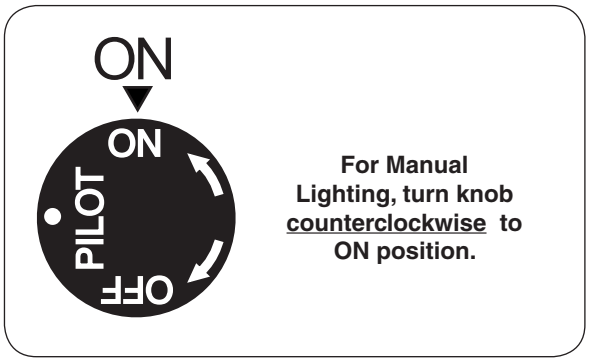


Fig. 23-1 Control knob detail (ON)

PILOT BURNER CHECK/ADJUSTMENT

With the pilot burner lit and the control knob in the pilot position, check the pilot system for proper flame size and appearance (see Fig. 23-2). The pilot adjustment screw is located on the front of the gas valve (see Fig. 23-2). Using a small flat head screwdriver, adjust the pilot screw to properly size the flames. Turning the screw clockwise will lower the flames, and turning it counterclockwise will raise them. Be careful not to back the screw out of its threads.

The pilot flame should be a quiet, soft blue flame with yellow tipping that encircles the thermocouple tip.

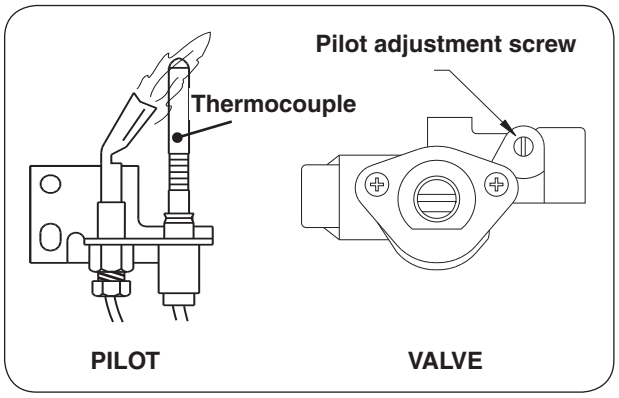


Fig. 23-2 Pilot adjustment detail

SHUTTING DOWN

To extinguish the main burner (pilot will remain lit):

Turn the control knob clockwise to **PILOT**.

To extinguish the burner and pilot (total shutdown):

Push in the control knob slightly and turn clockwise to **OFF**.

ALLUMER LE BRÛLEUR

1. Assurer la veilleuse est allumée.Tournez le bouton de contrôle du gaz dans le sens antihoraire sur **ON** (Fig. 24-3) pour allumer le brûleur. La vanne s'ouvre et le brûleur s'allume.

Note: La séquence d'allumage dure environ 5 secondes.

WARNING: Si le brûleur ne s'allume pas dans les 5 secondes, tournez le bouton de commande vers la droite pour PILOT. Permettre aux cinq (5) minutes pour tout gaz de l'unité de dissiper, puis répétez l'étape 2 ci-dessus. SI VOUS UNE ODEUR DE GAZ, voir l'étape B AU DÉBUT DE instructions d'allumage.

Si le brûleur ne s'allume pas après plusieurs tentatives, appuyez sur le bouton de commande et tournez légèrement à OFF et contactez un technicien qualifié.

VEILLEUSE CONTROLE/REGLAGE

Avec le brûleur de la veilleuse allumée et le bouton de commande dans le poste de pilotage, vérifier le système de pilotage de la taille de la flamme correspondant et l'apparence (voir Fig. 24-1). La vis de réglage de la veilleuse se trouve sur la face de la soupape à gaz (voir Fig. 24-1). L'aide d'un petit tournevis à tête plate, ajustez la vis de la veilleuse pour dimensionner correctement les flammes. Tourner la vis dans le sens horaire réduira les flammes, et en tournant dans le sens antihoraire leur susciterai. Veillez à ne pas desserrer la vis de ses fils.

La flamme de la veilleuse devrait être tranquille, flamme bleu pâle avec des pointes jaunes qui entoure la pointe du thermocouple.

ARRÊT

Pour éteindre le brûleur principal (pilote reste allumé):

Tournez le bouton de commande vers la droite pour **PILOT**.

Pour éteindre le brûleur et la veilleuse (arrêt total):

Enfoncez légèrement le bouton de commande et tournez dans le sens horaire sur **OFF**.

Fig. 24-1 Détail bouton de commande (SUR)

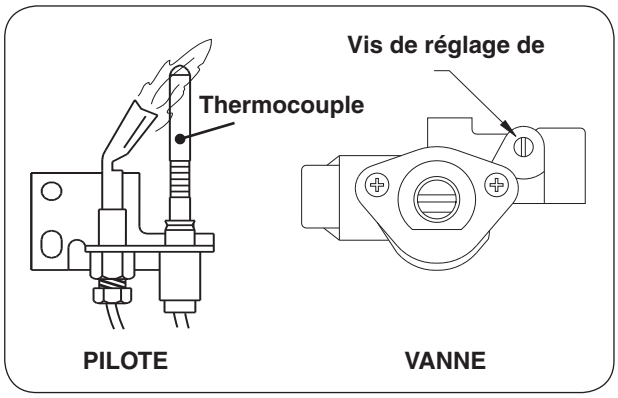


Fig. 24-2 Détail réglage de la veilleuse

LIGHTING INSTRUCTIONS - 17 SERIES

FOR YOUR SAFETY READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

A. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified professional service technician. Excessive force or attempted repair may result in fire or explosion.

B. BEFORE OPERATING, smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

- Do not light any appliance.
- Do not touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions. If you cannot reach your gas supplier, call the fire department.

C. The burner system has a pilot that can be lit by hand using a match or long-necked lighter. When lighting the pilot, follow these instructions exactly.

D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water. Attempted operation may result in fire or explosion resulting in property damage, personal injury or loss of life.

LIGHTING THE PILOT

1. Locate the valve on the side of the unit. Push in the gas control knob slightly and turn clockwise to **OFF** (Fig. 25-1).

Note: The control knob cannot be turned from **PILOT** to **OFF** unless the knob is pushed in slightly. Do not force.

Allow five (5) minutes for any gas in the unit to dissipate. IF YOU SMELL GAS, SEE STEP B ABOVE. If you don't smell gas, go on to step 2.

2. Turn the control knob counterclockwise to **PILOT** (Fig. 25-1). Push the control knob **firmly and fully** in and hold. Hold a long fireplace match or lighter near the thermocouple to light the pilot. Continue to hold the control knob in for approximately 60 seconds after the pilot is lit, then release the knob. The pilot will remain lit.

WARNING: If the pilot fails to light repeat steps 1 and 2.

If the pilot fails to light after several tries, turn the control knob to **OFF** and contact a qualified professional service technician.

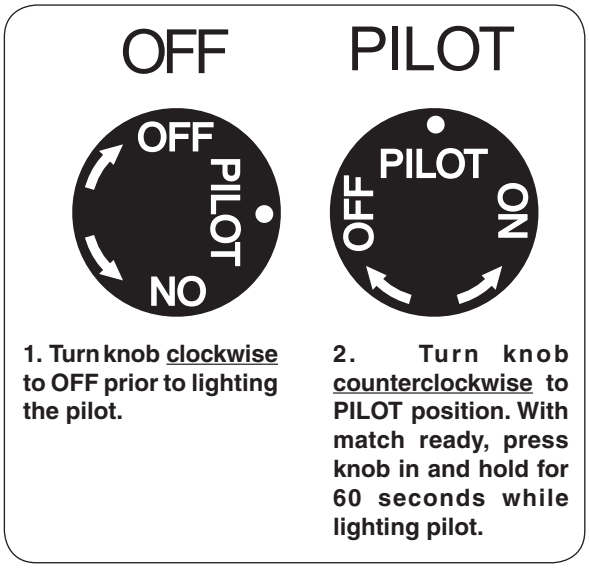

OFF
PILOT
OFF
PILOT
NO
PILOT
OFF
ON
1. Turn knob clockwise to OFF prior to lighting the pilot.
2. Turn knob counterclockwise to PILOT position. With match ready, press knob in and hold for 60 seconds while lighting pilot.

Fig. 25-1 Control knob detail (OFF, PILOT)

REMOTE LIGHTING

Note: If the remote does not function, and batteries with an adequate power level are installed, refer to the SYNCING THE REMOTE section.

Note: Step 1 may not be required if previously done during an earlier lighting.

1. Ensure the pilot is burning. Then locate the 3-position switch on the remote receiver (see Fig. 25-2), and slide the switch to the **REMOTE** position.

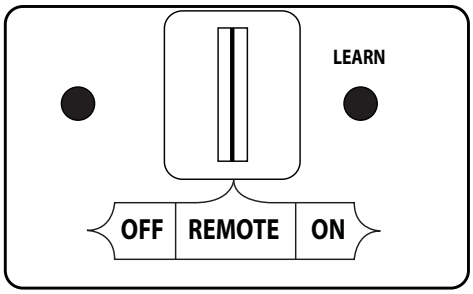


Fig. 25-2 Remote receiver detail (REMOTE)

INSTRUCTIONS D'ALLUMAGE - 17 SÉRIE

POUR VOTRE SÉCURITÉ LISEZ AVANT D'ALLUMER

AVERTISSEMENT: Si vous ne suivez pas ces instructions à la lettre, un incendie ou une explosion entraînant des dommages matériels, des blessures ou des pertes de vie.

A. N'utilisez que votre main pour enfoncer ou tourner le bouton de contrôle du gaz. Ne jamais utiliser d'outils. Si le bouton ne sera pas enfoncer ou à tourner à la main, n'essayez pas de le réparer. Appelez un technicien de service qualifié. Une force excessive ou une tentative de réparation pourrait provoquer un incendie ou une explosion.

B. **AVANT DE FAIRE FONCTIONNER,** sentez autour de l'appareil pour le gaz. Assurez-vous de sentir près du plancher, car certains gaz sont plus lourds que l'air et se déposent sur le sol.

QUE FAIRE SI UNE ODEUR DE GAZ

- Ne pas allumer l'appareil.
- Ne touchez à aucun interrupteur électrique; n'utilisez aucun téléphone dans votre bâtiment.
- Appelez immédiatement votre fournisseur de gaz à partir du téléphone d'un voisin. Suivez les instructions du fournisseur de gaz. Si vous ne pouvez joindre votre fournisseur de gaz, appeler les pompiers.

C. Le système de brûleur a un pilote qui peut être allumée à la main à l'aide d'une allumette ou long cou léger. Pour allumer la veilleuse, suivez ces instructions à la lettre.

D. Ne pas utiliser cet appareil si une partie quelconque a été submergée. Appelez immédiatement un technicien de service qualifié pour inspecter l'appareil et pour remplacer toute pièce du système de contrôle et toute commande de gaz qui a été sous l'eau. Tentative d'opération peut entraîner un incendie ou une explosion entraînant des dommages matériels, des blessures ou des pertes de vie.

ALLUMAGE DE LA VEILLEUSE

1. Localiser la vanne sur le côté gauche de l'appareil. Appuyer sur le bouton de contrôle du gaz et tourner dans le sens horaire en position **OFF** (Fig. 26-1).

Note: Le bouton de commande ne peut être activée à partir **PILOTE** sur **OFF** si le bouton est enfoncé légèrement. Ne pas forcer.

Attendez cinq (5) minutes pour n'importe quel gaz dans l'unité de se dissiper. S'IL YA UNE ODEUR DE GAZ, voir l'étape B CI-DESSUS. Si vous ne sentez pas de gaz, passez à l'étape 2.

2. Tournez le bouton de réglage dans le sens antihoraire pour **PILOTE** (Fig. 26-1). Appuyez sur le bouton de commande **fermement et pleinement** enfoncée. Tenir un long match de cheminée ou un briquet à proximité du thermocouple pour allumer la veilleuse. Continuez à tenir le bouton de commande pendant environ 60 secondes après que le pilote est allumé, puis relâchez le bouton. Le pilote reste allumé.

AVERTISSEMENT: Si le pilote ne s'allume pas, répétez les étapes 1 et 2.

Si la télécommande ne fonctionne pas, et des batteries avec un niveau de puissance adéquate sont installés, reportez-vous à la synchronisation des section REMOTE.

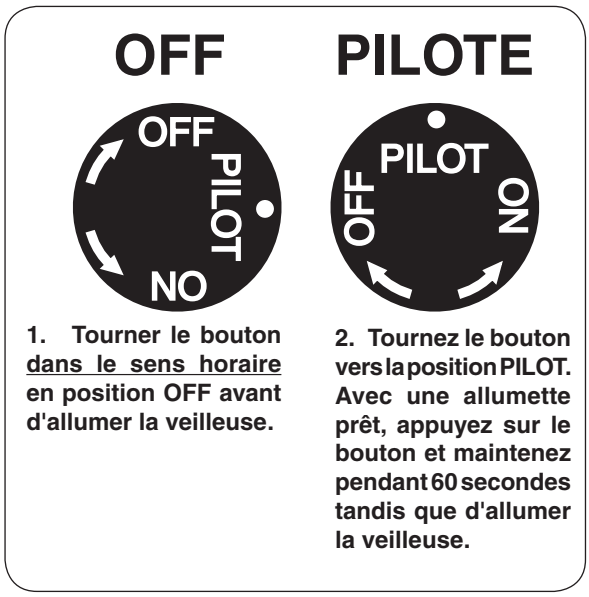

OFF
PILOTE
OFF
PILOT
NO
PILOT
OFF
ON
1. Tourner le bouton dans le sens horaire en position OFF avant d'allumer la veilleuse.
2. Tournez le bouton vers la position PILOT. Avec une allumette prêt, appuyez sur le bouton et maintenez pendant 60 secondes tandis que d'allumer la veilleuse.

Fig. 26-1 Détail bouton de commande (OFF, PILOTE)

DISTANCE DE L'ÉCLAIRAGE

Si la télécommande ne fonctionne pas, et que les batteries sont installées, reportez-vous à la synchronisation des section REMOTE.

Note: Étape 1 ne peut être exigé s'il a déjà été fait au cours d'un éclairage plus tôt.

1. Assurer la veilleuse est allumée. Ensuite, localisez le commutateur à 3 positions sur le récepteur de la télécommande (voir Fig. 26-2), Et faites glisser le commutateur sur la position **REMOTE**.

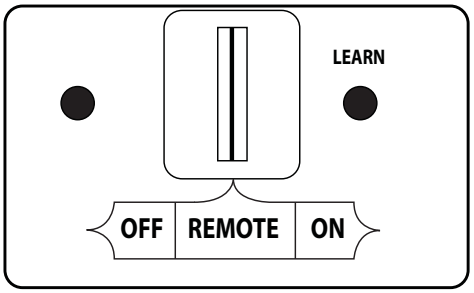


Fig. 26-2 Détail récepteur de télécommande (REMOTE)

2. Locate the remote transmitter and press and hold the **ON/HI** button (see Fig. 27-1). The ignition sequence will begin.

Note: Continue holding the button to increase the flame. A click will be heard when max flame height is reached.

Note: Upon initial use or after an extended period of no use, the **ON/HI** button may have to be pressed for up to 3 seconds prior to functioning.

The remote receiver will emit an audible "beep"; then the valve will automatically open and the burner will light. Adjust to the desired setting(s) with the remote transmitter. See the REMOTE OPERATING INSTRUCTIONS section for details.

Note: The ignition sequence will take approximately 5 seconds.

WARNING: If the burner fails to light within 5 seconds, press and hold the OFF button on the remote transmitter and/or slide the switch to the OFF position. Allow five (5) minutes for any gas in the unit to dissipate, then repeat steps 1 and 2 above. IF YOU SMELL GAS, SEE STEP B AT BEGINNING OF LIGHTING INSTRUCTIONS.

If the burner fails to light after several tries, turn all system components to **OFF** and contact a qualified professional service technician.

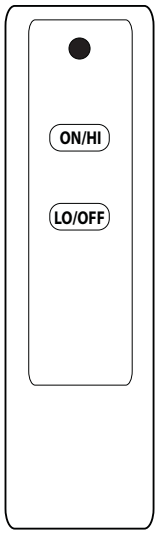


Fig. 27-1 Remote transmitter detail

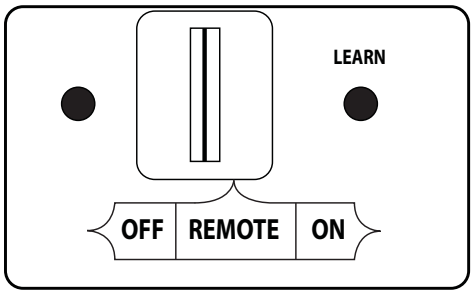


Fig. 27-2 Remote receiver (OFF for Manual Light)

MANUAL LIGHTING

1. Ensure the pilot is burning. Then locate the 3-position switch on the remote receiver (see Fig. 27-2), and slide the switch to the **OFF** position.

2. Turn the gas control knob counterclockwise to **ON** (Fig. 27-3) to ignite the burner. The valve will open and the burner will light.

Note: The ignition sequence will take approximately 5 seconds.

WARNING: If the burner fails to light within 5 seconds, turn the control knob clockwise to PILOT. Allow five (5) minutes for any gas in the unit to dissipate, then repeat step 2 above. IF YOU SMELL GAS, SEE STEP B AT BEGINNING OF LIGHTING INSTRUCTIONS.

If the burner fails to light after several tries, push in the control knob slightly and turn clockwise to OFF, and contact a qualified professional service technician.

Fig. 27-3 Control knob detail (ON)

2. Localiser la télécommande et appuyez sur le bouton **ON/HI** (voir Fig. 28-1). La séquence d'allumage commence.

Note: Continuez à maintenir le bouton pour augmenter la flamme. Un clic se fait entendre lorsque la hauteur max de flamme est atteinte.

Note: Dès la première utilisation ou après une longue période de non utilisation, le bouton **ON/HI** peut être pressée pour 3 secondes avant de fonctionnement.

Le récepteur de la télécommande émettra un «bip» sonore, puis la vanne s'ouvre automatiquement et le brûleur s'allume. Choisissez le réglage souhaité (s) avec la télécommande. Voir la section INSTRUCTIONS DE FONCTIONNEMENT A DISTANCE pour plus de détails.

Note: La séquence d'allumage dure environ 5 secondes.

WARNING: Si le brûleur ne s'allume pas dans les 5 secondes, appuyez et maintenez le bouton OFF de la télécommande et / ou faites glisser le commutateur à la position OFF. Permettre aux cinq (5) minutes pour tout gaz dans l'unité à se dissiper, puis répétez les étapes 1 et 2 ci-dessus. SI VOUS UNE ODEUR DE GAZ, voir l'étape B AU DÉBUT DE DIRECTIVES D'ALLUMAGE.

Si le brûleur ne s'allume pas après plusieurs essais, tournez tous les composants du système à **OFF** et contactez un technicien qualifié.

ALLUMAGE MANUEL

1. Assurer la veilleuse est allumée. Ensuite, localisez le commutateur à 3 positions sur le récepteur de la télécommande (voir Fig. 28-2), Et faites glisser le commutateur sur la position **OFF**.

2. Tournez le bouton de contrôle du gaz dans le sens antihoraire sur **ON** (Fig. 28-3) pour allumer le brûleur. La vanne s'ouvre et le brûleur s'allume.

Note: La séquence d'allumage dure environ 5 secondes.

WARNING: Si le brûleur ne s'allume pas dans les 5 secondes, tournez le bouton de commande vers la droite pour PILOT. Permettre aux cinq (5) minutes pour tout gaz de l'unité de dissiper, puis répétez l'étape 2 ci-dessus. SI VOUS UNE ODEUR DE GAZ, voir l'étape B AU DÉBUT DE instructions d'allumage.

Si le brûleur ne s'allume pas après plusieurs tentatives, appuyez sur le bouton de commande et tournez légèrement à OFF et contactez un technicien qualifié.

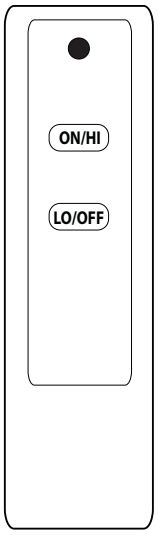


Fig. 28-1 Détail télécommande

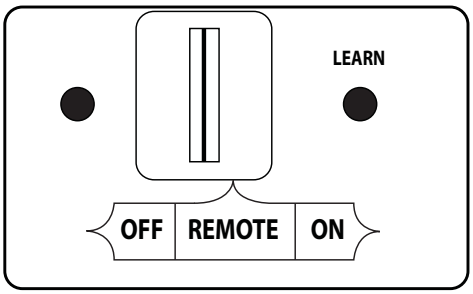


Fig. 28-2 Récepteur de la télécommander
(OFF pour Light Manuel)

Fig. 28-3 Détail bouton de commande (SUR)

LIGHTING INSTRUCTIONS - 17 SERIES (cont.)

PILOT BURNER CHECK/ADJUSTMENT

With the pilot burner lit and the control knob in the pilot position, check the pilot system for proper flame size and appearance (see Fig. 29-1). The pilot adjustment screw is located on the front of the gas valve (see Fig. 29-1). Using a small flat head screwdriver, adjust the pilot screw to properly size the flames. Turning the screw clockwise will lower the flames, and turning it counterclockwise will raise them. Be careful not to back the screw out of its threads.

The pilot flame should be a quiet, soft blue flame with yellow tipping that encircles the thermocouple tip.

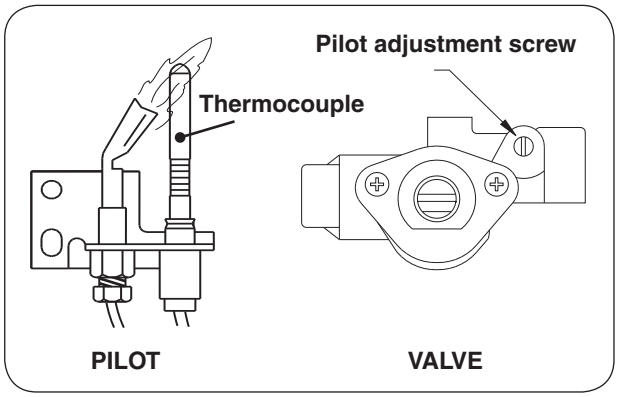


Fig. 29-1 Pilot adjustment detail

SHUTTING DOWN

To extinguish the main burner (pilot will remain lit):

For remote shut down, press and hold the **LO/OFF** button on the remote transmitter until the burner shuts off. **If remote is lost,** slide the switch on the receiver to the **OFF** position. **For manual shutdown,** turn the control knob clockwise to **PILOT**.

To extinguish the burner and pilot (total shutdown):

Push in the control knob slightly and turn clockwise to **OFF**.

REMOTE OPERATING INSTRUCTIONS - 17 SERIES

ORIENTATION

Note: If the remote does not function, and batteries with an adequate power level are installed, refer to the SYNCING THE REMOTE section.

Prior to remote transmitter use, light the appliance per the REMOTE LIGHTING section. Familiarize yourself with the transmitter buttons, as illustrated in Fig. 29-2.

Identify the transmitter buttons:

- **ON/HI BUTTON:** This button turns the burner ON (when the pilot is lit), and increases the flame height.
- **LO/OFF BUTTON:** This button decreases the flame height and turns the burner OFF (pilot will remain lit).

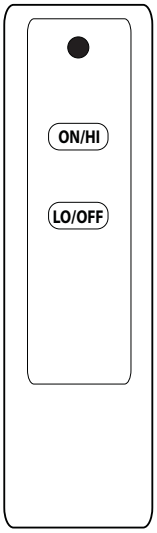


Fig. 29-2 Remote transmitter detail

FLAME HEIGHT

The flame height may be adjusted via the remote transmitter. Press and hold the **ON/HI** button to increase the flame height. Press and hold the **LO/OFF** button to decrease the flame height. A click will be heard when the max/minimum setting is reached.

Note: Continuing to hold the **LO/OFF** button will turn off the burner. The pilot will remain lit.

INSTRUCTIONS D'ALLUMAGE - 17 SÉRIE (cont.)

VEILLEUSE CONTROLE/REGLAGE

Avec le brûleur de la veilleuse allumée et le bouton de commande dans le poste de pilotage, vérifier le système de pilotage de la taille de la flamme correspondant et l'apparence (voir Fig. 30-1). La vis de réglage de la veilleuse se trouve sur la face de la soupape à gaz (voir Fig. 30-1). L'aide d'un petit tournevis à tête plate, ajustez la vis de la veilleuse pour dimensionner correctement les flammes. Tourner la vis dans le sens horaire réduira les flammes, et en tournant dans le sens antihoraire leur susciterai. Veillez à ne pas desserrer la vis de ses fils.

La flamme de la veilleuse devrait être tranquille, flamme bleu pâle avec des pointes jaunes qui entoure la pointe du thermocouple.

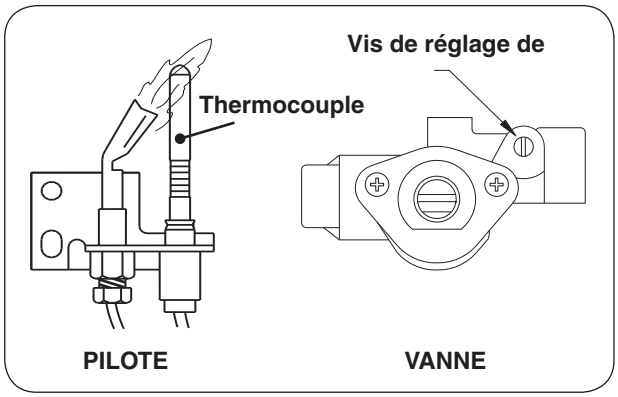


Fig. 30-1 Détail réglage de la veilleuse

ARRÊT

Pour éteindre le brûleur principal (pilote restera allumé):

Pour éteindre à distance, appuyez et maintenez le bouton **LO/OFF** sur la télécommande jusqu'à ce que le brûleur est éteint. **Si la télécommande est perdue,** faites glisser l'interrupteur du récepteur sur la position **OFF**. **Pour un arrêt manuel,** tournez le bouton de commande vers la droite pour **PILOT**.

Pour éteindre le brûleur et la veilleuse (arrêt total):

Appuyez sur le bouton de commande et tournez légèrement sur **OFF**.

MODE D'EMPLOI À DISTANCE

ORIENTATION

Si la télécommande ne fonctionne pas, et des batteries avec un niveau de puissance adéquate sont installés, reportez-vous à la synchronisation des section REMOTE.

Avant l'utilisation de télécommande, allumer l'appareil par la section de distance de l'éclairage. Familiarisez-vous avec les boutons de l'émetteur, comme illustré sur la Fig. 30-2.

Identifier les boutons de l'émetteur:

- **TOUCHE ON/HI:** Ce bouton active le brûleur ON (lorsque le pilote est allumé), et augmente la hauteur de la flamme.
- **TOUCHE LO/OFF:** Cette touche permet de diminuer la hauteur des flammes et éteindre l'brûleur (pilote reste allumé).

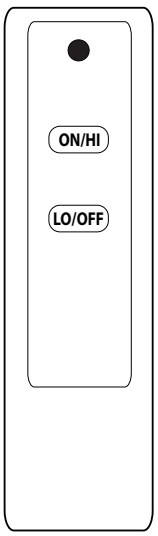


Fig. 30-2 Détail télécommande

HAUTEUR DE LA FLAMME

La hauteur de flamme peut être ajustée via la télécommande. Appuyez et maintenez enfoncé le bouton **ON / HI** pour augmenter la hauteur de la flamme. Appuyez et maintenez le bouton **LO/OFF** pour diminuer la hauteur des flammes. Un clic se fait entendre lorsque le réglage max / minimum est atteint.

Note: En continuant à maintenir le bouton **LO/OFF** permet d'éteindre le brûleur. Le pilote restera allumé.

LIGHTING INSTRUCTIONS - 2VA SERIES

FOR YOUR SAFETY READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

A. This appliance is equipped with an ignition device that automatically lights the pilot. DO NOT attempt to light the pilot by hand.

B. **BEFORE OPERATING,** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

- Do not light any appliance.
- Do not touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions. If you cannot reach your gas supplier, call the fire department.

C. Use only the control system or remote to light the pilot. This valve will not operate if the pilot is not lit and stable.

D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water. Attempted operation may result in fire or explosion resulting in property damage, personal injury or loss of life.

REMOTE LIGHTING

CAUTION: DO NOT attempt to light the pilot by hand.

Note: Steps 1 and 2 may not be required if previously done during an earlier lighting.

1. Locate the ON/OFF switch at the front of the switch box. Press the switch to the **OFF (O)** position. See Fig. 31-1.

2. Locate the OFF/REMOTE switch actuator on the left rear of the burner. Slide the actuator to the right / **REMOTE** position. See Fig. 31-2.

3. Locate the remote transmitter and press the **ON** key (see Fig. 31-3). The ignition sequence will begin.

The remote receiver will emit an audible "beep"; then the igniter will begin to spark. After the pilot lights and is established, the valve will automatically open and the burner will light. Adjust to the desired setting with the remote transmitter. See the REMOTE OPERATING INSTRUCTIONS section for details.

Note: The ignition sequence will take approximately 5 seconds.

WARNING: **If the pilot fails to light within 10 seconds, press the OFF button on the remote transmitter or slide the OFF/REMOTE switch actuator (left) to OFF to turn off the system. Allow five (5) minutes for any gas in the unit to dissipate, then repeat step 2 above. IF YOU SMELL GAS, SEE STEP B ABOVE.**

If the pilot fails to light after several tries, turn all control/ remote system components to **OFF** and contact a qualified professional service technician.

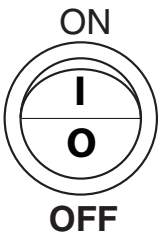


Fig. 31-1
Switch box, ON/**OFF** switch detail

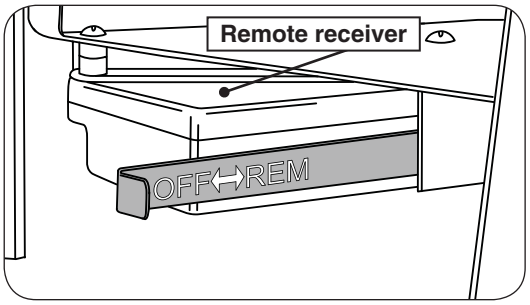


Fig. 31-2
OFF/**REMOTE** switch actuator (left rear of burner)

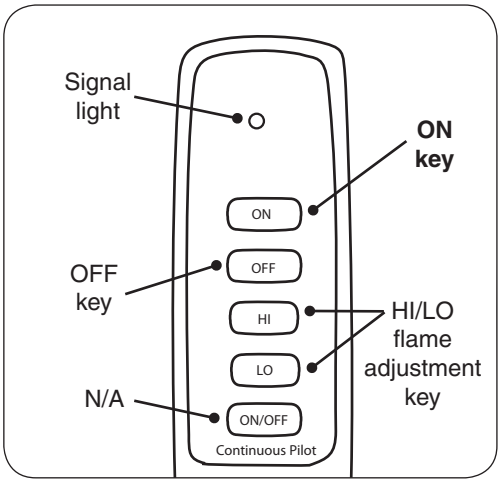


Fig. 31-3 Remote transmitter detail

INSTRUCTIONS D'ALLUMAGE - 2VA SÉRIE

POUR VOTRE SÉCURITÉ LISEZ AVANT D'ALLUMER

AVERTISSEMENT: Si vous ne suivez pas ces instructions à la lettre, un incendie ou une explosion entraînant des dommages matériels, des blessures ou des pertes de vie.

A. Cet appareil est équipé d'un dispositif d'allumage qui allume automatiquement la veilleuse. NE PAS essayer d'allumer la veilleuse manuellement.

B. AVANT D'UTILISER, Sentez tout autour de l'appareil pour le gaz. Assurez-vous de sentir près du plancher, car certains gaz sont plus lourds que l'air et se déposent sur le sol.

QUE FAIRE SI UNE ODEUR DE GAZ

- Ne pas allumer l'appareil.
- Ne touchez à aucun interrupteur électrique; n'utilisez aucun téléphone dans votre bâtiment.
- Appelez immédiatement votre fournisseur de gaz à partir du téléphone d'un voisin. Suivez les instructions du fournisseur de gaz. Si vous ne pouvez joindre votre fournisseur de gaz, appeler les pompiers.

C. Utilisez uniquement le système de commande ou de la télécommande pour allumer la veilleuse. Cette valve ne fonctionne pas si le pilote n'est pas éclairé et stable.

D. Ne pas utiliser cet appareil si une partie quelconque a été submergée. Appelez immédiatement un technicien de service qualifié pour inspecter l'appareil et pour remplacer toute pièce du système de contrôle et toute commande de gaz qui a été sous l'eau. Tentative d'opération peut entraîner un incendie ou une explosion entraînant des dommages matériels, des blessures ou des pertes de vie.

DISTANCE DE L'ÉCLAIRAGE

ATTENTION: NE PAS essayer d'allumer la veilleuse manuellement.

Note: Les étapes 1 et 2 ne peuvent être tenus si elle a déjà fait au cours d'un éclairage plus tôt.

1. Repérez l'interrupteur ON/OFF sur le devant de la boîte de commutation. Appuyez sur l'interrupteur en position **OFF (O).** Voir Fig. 32-1.

2. Localisez l'actionneur de l'interrupteur OFF/REMOTE sur le côté gauche du brûleur. Faites glisser l'actionneur à la position **REMOTE** droit. Voir Fig. 32-2.

3. Localisez la télécommande et appuyez sur la touche **ON** (voir Fig. 32-3). La séquence d'allumage commence.

Le récepteur de la télécommande émettra un "bip" sonore, puis l'allumeur commence à susciter. Après les veilleuses et est établie, la vanne s'ouvre automatiquement et le brûleur s'allume. Choisissez le réglage souhaité avec la télécommande. Voir la section INSTRUCTIONS DE FONCTIONNEMENT A DISTANCE pour plus de détails.

Note: La séquence d'allumage dure environ 5 secondes.

AVERTISSEMENT: Si le pilote ne s'allume pas dans les 10 secondes, appuyez sur le bouton OFF de la télécommande ou faites glisser l'actionneur de l'interrupteur OFF/REMOTE (à gauche) sur OFF pour éteindre le système. Accordez cinq (5) minutes pour tout gaz dans l'unité à se dissiper, puis répétez l'étape 2 ci-dessus. S'IL YA UNE ODEUR DE GAZ, voir l'étape B ci-dessus.

Si le pilote ne s'allume pas après plusieurs essais, tournez tout contrôle / composants du système à distance sur **OFF** et contactez un technicien qualifié.

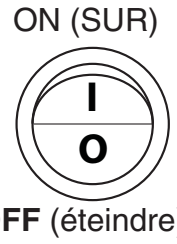


Fig. 32-1 Boîte de commutation, ON/**OFF** passer détail

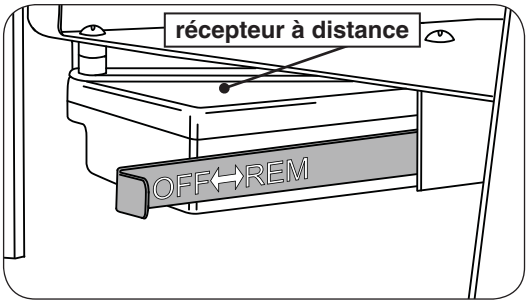


Fig. 32-2 OFF/**REMOTE** levier de commande (côté gauche du brûleur)

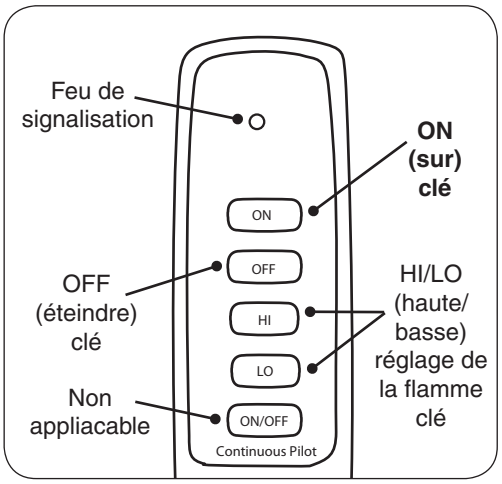


Fig. 32-3 Détail de la télécommande

MANUAL LIGHTING

CAUTION: DO NOT attempt to light the pilot by hand.

1. Locate the OFF/REMOTE switch actuator on the left rear of the burner. Slide the actuator to the left / **OFF** position. See Fig. 33-1.
2. Locate the ON/OFF switch at the front of the switch box. Press the switch to the **ON (I)** position. See Fig. 33-2.

   The remote receiver will emit an audible "beep"; then the igniter will begin to spark. After the pilot lights and is established, the valve will automatically open and the burner will light.

Note: The ignition sequence will take approximately 5 seconds.

WARNING: If the pilot fails to light within 10 seconds, turn OFF the system. Allow five (5) minutes for any gas in the unit to dissipate, then repeat step 2 above. IF YOU SMELL GAS, SEE STEP B ABOVE.

If the pilot fails to light after several tries, turn the system **OFF** and contact a qualified professional service technician.

Note: In manual mode, the remote transmitter will not operate the burner system.

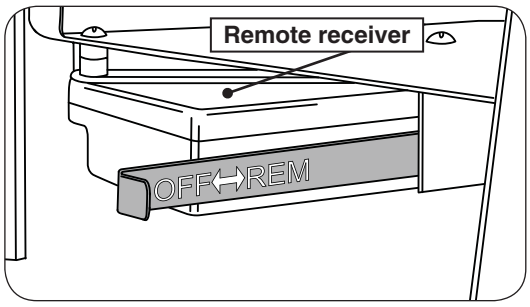


Fig. 33-1
OFF/REMOTE switch actuator (left rear of burner)

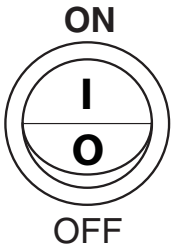


Fig. 33-2
Switch box, **ON**/OFF switch detail

PILOT APPEARANCE

Periodically check the pilot for proper flame pattern. The pilot flame should encircle the electrode tip, and is preset at the factory (see Fig. 33-3).

If the pilot flame burns incorrectly; shut down completely and contact a qualified professional service technician.

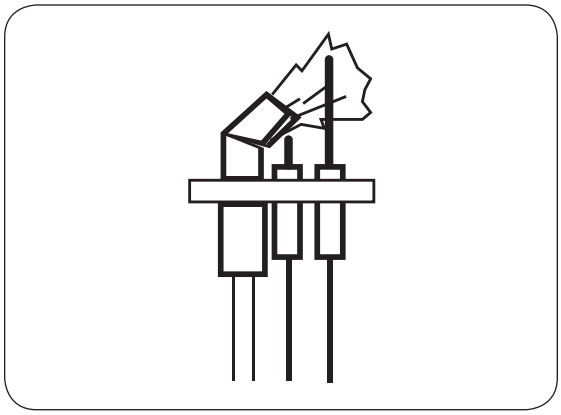


Fig. 33-3 Proper pilot flame

SHUTTING DOWN

- **For a remote shut down,** press the **OFF** button on the remote transmitter.

  If your remote is lost, slide the OFF/REMOTE switch actuator (on left rear of burner) to the left / **OFF** position.
- **For a manual shutdown,** press the ON/OFF switch on the front of the switch box to the **OFF (O)** position.

ALLUMAGE MANUEL

ATTENTION: NE PAS essayer d'allumer la veilleuse manuellement.

1. Localisez l'actionneur de l'interrupteur OFF/REMOTE sur le côté gauche du brûleur. Glisser le servomoteur sur la position gauche / **OFF**. Voir Fig. 34-1.
2. Repérez l'interrupteur ON/OFF sur le devant de la boîte de commutation. Appuyez sur l'interrupteur sur la position **ON (I).** Voir Fig. 34-2.

   Le récepteur de la télécommande émettra un "bip" sonore, puis l'allumeur commence à susciter. Après les veilleuses et est établie, la vanne s'ouvre automatiquement et le brûleur s'allume.

Note: La séquence d'allumage dure environ 5 secondes.

WARNING: Si le pilote ne s'allume pas dans les 10 secondes, éteignez le système. Attendez cinq (5) minutes pour n'importe quel gaz dans l'unité à se dissiper, puis répétez l'étape 2 ci-dessus. S'IL YA UNE ODEUR DE GAZ, voir l'étape B CI-DESSUS.

Si le pilote ne s'allume pas après plusieurs essais, mettez le système hors tension et contactez un technicien qualifié.

Note: En mode manuel, la télécommande ne fonctionne pas du système de brûleur.

ASPECT PILOTE

Vérifiez périodiquement le pilote pour le modèle de la flamme. La flamme de la veilleuse devrait encercler la pointe du générateur, et est préréglé en usine (voir Fig. 34-2).

Si la flamme de la veilleuse brûle mal; complètement arrêté et contacter un technicien de service qualifié.

ÉTEINDRE

- **Pour un arrêt à distance,** appuyez sur le bouton **OFF** de la télécommande.

  Si votre télécommande est perdue, glisser l'actionneur de l'interrupteur OFF/REMOTE (sur le côté gauche du brûleur) à la position gauche / **OFF**.

- **Pour un arrêt manuel,** appuyez sur l'interrupteur sur le devant de la boîte de commutation sur la position **OFF (O)** ON/OFF.

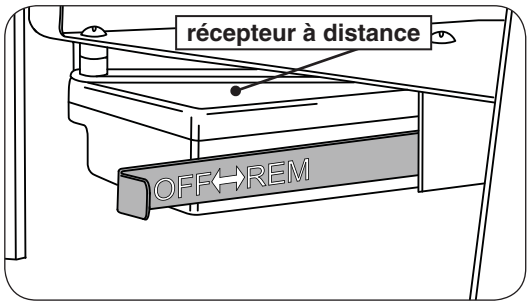


Fig. 34-1
OFF/REMOTE levier de commande (côté gauche du brûleur)

Fig. 34-2
Boîte de commutation, **ON**/OFF passer détail

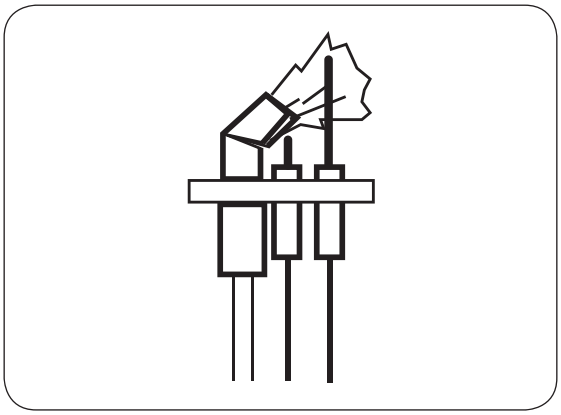


Fig. 34-3 Veilleuse bon

ORIENTATION

Prior to remote transmitter use, light the appliance per the REMOTE LIGHTING section. The remote transmitter will only operate the unit when it is in the remote mode. Familiarize yourself with the transmitter keys, as illustrated in Fig. 35-1.

Identify the four transmitter keys (used with this system):

- **ON/OFF KEYS:** These keys turn the system ON or OFF.
- **HI/LO KEYS:** These keys, when the system is on, are used to set the desired flame height.

Note: The Continuous Pilot function is not available for use on this burner system.

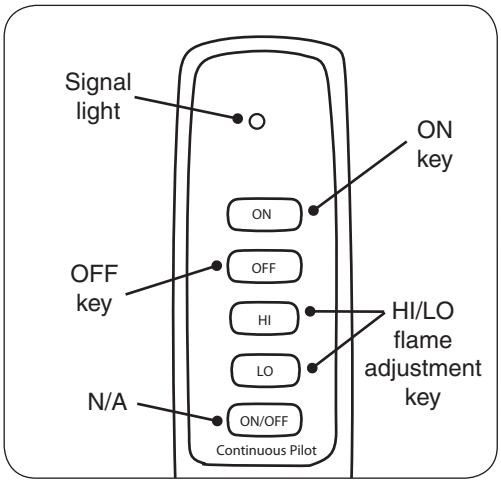


Fig. 35-1 Remote transmitter detail

FLAME HEIGHT

Seven flame height levels are available. Press the HI/LO keys to enter the Flame Height mode. Pressing the HI/LO key once will increase/decrease the flame height by 1 of 7 increments. See Fig. 35-1.

ORIENTATION

Avant la première utilisation télécommande, allumez l'appareil pour la section d'éclairage à distance. La télécommande ne fonctionne que l'appareil quand il est en mode distant. Familiarisez-vous avec les touches de l'émetteur, comme illustré dans la Fig. 36-1.

Identifier les quatre touches de l'émetteur (utilisé avec ce système):

- **ON/OFF TOUCHES:** Ces touches mettre le système sous ou hors tension.
- **HI/LO TOUCHES:** Ces touches, lorsque le système est en service, servent à régler la hauteur de flamme désirée.

Note: La fonction de pilote en continu n'est pas disponible pour une utilisation sur ce système de brûleur.

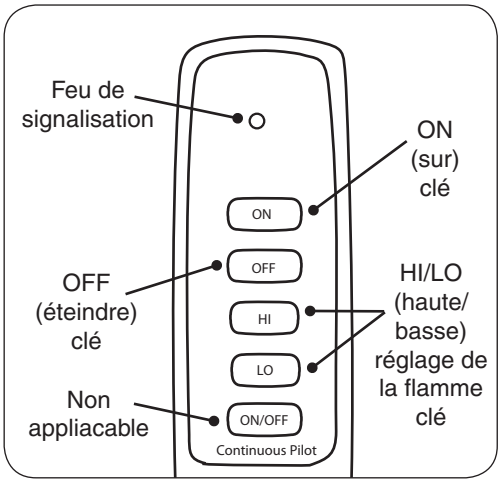


Fig. 36-1 Détail de la télécommande

HAUTEUR DE LA FLAMME

Sept niveaux de hauteur de flamme sont disponibles. Appuyez sur les touches HI/LO pour entrer dans le mode hauteur des flammes. Appuyant sur la touche HI/LO fois va augmenter/ diminuer la hauteur de la flamme par 1 sur 7 paliers. Voir Fig. 36-1.

CLEANING AND SERVICING

Note: Regular cleaning and servicing will be necessary to ensure proper pilot operation and proper burn characteristics.

Always shut off the gas to the appliance while performing service work.

Allow the appliance to cool before servicing.

Installation, service, and repair must be done by an NFI Certified or other qualified professional service technician. The appliance MUST be inspected before use, and cleaned at least annually to prevent burner shutdown, sooting, odors, etc. It must be checked for clean burning operation and proper pilot appearance, with the correct tools to service this unit. More frequent cleaning may be required. Excessive lint can build up on this unit from carpeting, bedding material, pet hairs, or other particles in the air. It is imperative that all control components and compartments, burner(s), air shutters, and circulating air passageways of the appliance be kept clean and free of all obstructions.

In addition, a periodic examination and cleaning of the solid-fuel-burning fireplace venting system should be conducted by a qualified professional service technician.

Any safety screen or guard removed for servicing must be replaced prior to operating this appliance.

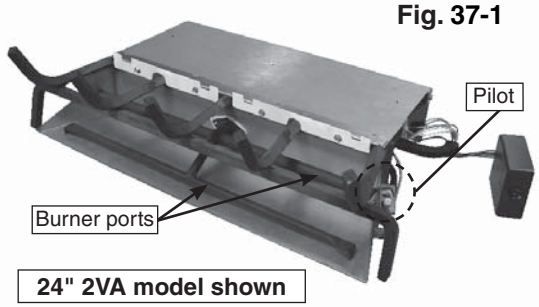
Verify proper operation after servicing.

TO CLEAN THE BURNER SYSTEM

1. Remove the log set, grid, all embers, and sand. Use a vacuum cleaner to remove loose particles from all surfaces of the burner log set. Do not use cleaning fluids.
2. Dust the grate, the grid, the assembly, and the burners. Using a compressed air duster (commonly available at computer, electronic, or office supply stores); blow through all of the burner ports, and the pilot assembly area.
3. Replace batteries as needed (if applicable).
4. Reinstall the sand, embers, grid and log set as instructed in this manual.

If, after a period of use, the flames start to exhibit unusual shapes and behavior, or the burners fail to ignite smoothly, the burner ports may require some cleaning. If this happens, it is preferable to contact the nearest dealer to get the appliance serviced.

Fig. 37-1



24" 2VA model shown

Do not remove the rating plates or the warning tags. These are an integral safety and identification component of this appliance.

We recommend following these instructions at the beginning of each fireplace season and as needed throughout the year, depending on your usage pattern and the environmental conditions in your home. More frequent cleaning and maintenance may be necessary when burning propane gas than with natural gas.

SYNCING THE REMOTE SYSTEM

17 Models

Ensure the burner system is off and completely cool.

Locate the 3-position switch on the remote receiver and slide it to the **REMOTE** position. Next press the **LEARN** button and release. See Fig. 38-1. A series of beeps will be heard. Then press and hold the **ON/HI** button on the remote transmitter, until a second set of beeps are heard. The remote system is now synced. Refer to the LIGHTING INSTRUCTIONS to test.

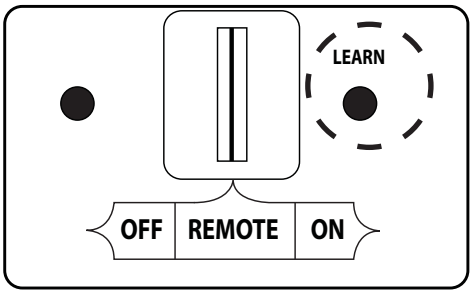


Fig. 38-1 Remote receiver sync detail

2VA Models

Note: Syncing the remote system will cause the burner to ignite.

Ensure the burner system is off and completely cool.

The remote receiver (found on the rear of the burner assembly) has a sync button (see Fig. 38-2).

Locate the OFF/REMOTE switch actuator on the left rear of the burner. Slide the actuator to the right / **REMOTE** position, then press the sync button and release. One beep will be heard. Then press and hold the **ON** button on the remote transmitter, until 4 rapid beeps are heard and the pilot begins to spark. The remote system is now synced.

If ignition is not desired, press OFF on the remote to shut off.

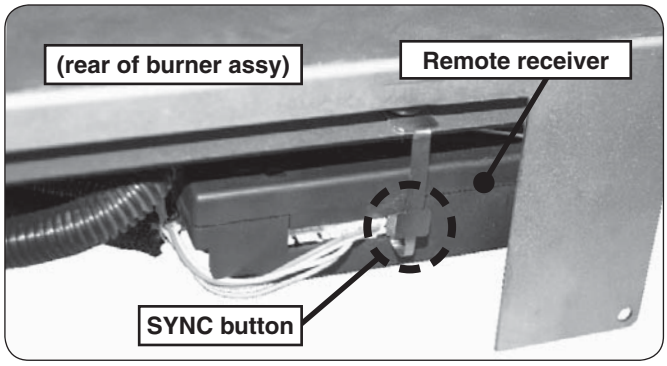


Fig. 38-2 Sync Detail

FLAME DESCRIPTION

Observe the flames. The main burner flames should be blue at the base and a combination of blue/yellow at the body and at the tips. They should be approximately 5-8" above the logs, with the center flame being the tallest. The ember flames should be 1/4" to 5" above the embers (See 38-3 for example.)

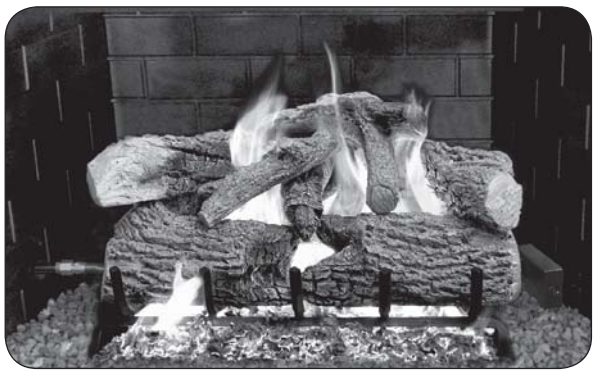


Fig. 38-3 Flame appearance

TROUBLESHOOTING

POSSIBLE CAUSE	SOLUTIONS
1 BURNER SHUTTING DOWN DURING OPERATION	
A. Insufficient or excessive gas pressure	**A1.** Check gas pressure (Read G.- I. of IMPORTANT PRE-INSTALLATION AND FIREPLACE SAFETY INFORMATION section, & check with local gas company). **A2.** Other gas appliances may be on the same gas line, dropping gas pressure to log set. Check pressures with everything operating to ensure adequate pressure.
B. Log placement	**B.** Reference the LOG PLACEMENT section in this manual for recommended log positioning.
C. Flue area, fireplace, or damper dirty from soot	**C.** Clean around, above, and under damper thoroughly. Clean fireplace, removing loose material, including soot and creosote.
D. Fireplace too small for unit	**D.** Ensure minimum requirements are met. (See FIREPLACE SIZE REQUIREMENT section in this owner's manual.)
E. Pilot flame lifting off thermocouple/generator	**E.** Check gas pressure (see section A1).
F. Pilot (remote compatible)	**F.** Contact your dealer for instructions on replacement.
G. Blockages on burner	**G.** Vacuum any lava granules or material that may have fallen onto burner pipe area.
2 PILOT WILL NOT LIGHT	
A. Pilot flame lifting off thermocouple/generator	**A.** Check gas pressure (see Section 1, A1 of this table).
B. Electronic spark not lighting pilot	**B.** Check to ensure sparking when activated. **Note:** You may need to turn or press ignitor several times to ignite pilot. See LIGHTING INSTRUCTIONS for your control valve.
C. Ignitor electrode wire loose	**C.** Check wiring and reconnect any loose wiring.
D. Gas supply off/manual shutoff valve closed	**D.** Turn on gas supply or open manual shutoff valve.
E. Air in gas line	**E.** Bleed the gas supply line and repeat LIGHTING INSTRUCTIONS until air is removed.
F. Pilot hood blocked	**F.** Check for debris or dirt / Clean pilot
G. Dead batteries (electronic pilots only)	**G.** Replace batteries as needed.
3 LOW FLAME HEIGHT	
A. Gas pressure	**A.** Check gas pressure (see Section 1, A1 of this table).
B. Propane tank running low	**B.** Fill tank completely.
4 BURNER NOT BURNING EVENLY	
A. Burner orifice clogged	**A.** Clean burner orifice.
B. Top burner lights; bottom burner has delayed ignition.	**B1.** Check gas pressure. Can be caused by too small of a gas line (see Section 1, A1 of this table). **B2.** Low propane tank level. Vacuum burner tube for soot blockage and fill propane tank.
5 ODORS	
A. Gas leak	**A.** Shut off gas, if possible. Follow instructions on front page. Have a qualified professional installer or the gas company correct all leaks.
B. New home, new carpet, or new paint	**B.** When these odors are drawn into the fireplace, this may cause objectionable odors. Thoroughly ventilate the area before restarting your log set.

TROUBLESHOOTING (Cont.)

POSSIBLE CAUSE	SOLUTIONS
6 SOOTING	
A. On logs, in firebox, or room	**A.** Check gas pressure (see Section 1, A1 of this table).
B. Drafts in room	**B.** Eliminate drafts by closing heating and air conditioning vents, returns, and outside air vents. Fans blowing directly into fireplace should be turned off when set is operating.
C. Air shutters blocked (if applicable)	**C.** Air shutters are blocked with debris. Vacuum debris away from air shutter.
D. Log placement	**D.** See solution in Section 1, B.
E. Using natural-gas burner on propane gas or propane burner on natural gas	**E.** If the gas listed on the nameplate does not match the gas you are burning, shut down the burner system immediately and completely (including pilot) following the steps in the LIGHTING INSTRUCTIONS section. Then call your dealer.
F. Adding any accessories to log sets	**F.** Shut down log set and take off any logs or accessories that do not belong with the set.
7 PILOT WILL NOT STAY LIT	
A. Valve won't hold	**A.** Contact your dealer for instructions on replacement.
B. Pilot hood not aimed at thermocouple	**B.** Pilot hood bent; replace pilot or angle pilot hood properly so pilot flame hits thermocouple.
C. Pilot line bent	**C.** Replace pilot line.
D. Thermocouple is loose	**D.** Tighten thermocouple nut at gas control valve.
E. Thermocouple cracked or worn out	**E.** Replace thermocouple.
F. Excessive down draft	**F.** Install chimney cap / Outside chimney too close to other peaks / Check chimney flue for proper height / Poorly designed chimney
8 BURNER WILL NOT TURN ON	
A. Low/dead batteries in remote transmitter AND/OR remote receiver / switch box (select models only)	**A.** Replace batteries as needed (if applicable).
9 BURNER TURNS OFF AFTER EXTENDED USE	
A. Thermal safety device activated (electronic models only)	**A.** Allow unit to cool. Turn off unit then turn back on. (Burner will function when control module is at 160˚ F or below.)

NOTES PAGE

Please use this page to record any information that you may want to have at hand.

WARRANTY

PETERSON VENTED DECORATIVE GAS APPLIANCE
LIMITED WARRANTY

Robert H. Peterson Co. ("RHP") warrants your Real Fyre® vented decorative gas appliance to be free from defects in material and workmanship.

Peterson vented ceramic refractory gas logs are warranted for **as long as you own them (lifetime)**.

Peterson vented burner assemblies are **WARRANTED for TEN (10) YEARS**. Peterson vented outdoor stainless-steel burner assemblies are warranted for **FIVE (5) YEARS**.

Peterson glass, gems, nuggets, and fiber-ceramic blend gas logs are warranted for **FIVE (5) YEARS**.

SPK-26 controls are warranted for **THREE (3) YEARS**.

APK-17 controls (including -17 valve) are warranted for **TWO (2) YEARS**.

All other Peterson valves, pilots, and controls are warranted for **ONE (1) YEAR (excluding batteries).**

A COPY OF YOUR SALES SLIP FOR PROOF OF PURCHASE IS REQUIRED

This warranty applies to the original purchaser for products which are installed in the United States or Canada and which are operated and maintained as intended for single family residential usage. This warranty is valid only with proof of purchase, shall commence on the date of purchase, and shall terminate (both as to original and any replacement products) on the anniversary date of the original purchase of the product stated on the above schedules.

This warranty covers defects in material and workmanship. This warranty **does not** cover parts which become defective as a result of negligence, misuse, use not in compliance with the Owner's Manual/Installation Instructions, accidental damage, improper handling, improper storage, improper installation, lack of required routine maintenance (as specified in the Owner's Manual/Installation Instructions), electrical damage, local gas impurities or failure to protect against combustibles. Product must be installed (and gas must be connected) as specified in the Owner's Manual/Installation Instructions by a **qualified professional installer**. Modifications to products which are not specifically authorized will void this warranty. Accessories, parts, valves, remotes, etc. when used must be Peterson products or this warranty is void. Warrantied items will be repaired or replaced at Peterson's sole discretion. This warranty **does not** apply to rust, corrosion, oxidation, or discoloration unless the affected part becomes inoperable.

This warranty **does not** cover labor or labor related charges, except as provided by separate specific written programs from the Peterson Co. All repair work must be performed by a qualified professional service person and requires prior approval of Peterson.

Peterson may require the defective product or part to be returned to the factory to determine the cause of failure. Peterson will pay freight charges if the product or part is determined to be defective. This warranty does not cover breakage in shipment from our (Independent) distributor to its customer if the damage is determined to have occurred during that shipment.

This warranty specifically excludes liability for **indirect**, **incidental**, or consequential damages. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specified legal rights, and you may have other rights that vary from state to state or province.

For additional information regarding this warranty, or to place a warranty claim, contact the R. H. Peterson dealer where the product was purchased.

TO REGISTER YOUR PRODUCT ONLINE GO TO: WWW.RHPETERSON.COM, AND CLICK ON PRODUCT REGISTRATION. THANK YOU FOR YOUR PURCHASE.

Quality Check			**Date:**_____		
Burner Orifices	**Nat.**	**L.P.**	**Leak Test:** _____	**Model#:**	_____
Main:	_____	_____	**Burn Test:** _____	**Serial#:**	_____
Other:	_____	_____	**Gas Type:** Nat. / L.P.	**Air Shutter:**	_____
				Inspector:	_____